



NANOCHEMAZONE

— *Everything About Nanomaterials* —

CATALOGUE 2020-21

Today's Research
tomorrow's Reality

www.nanochemazone.com

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42.	Manganese Zinc Alloy Nanopowder	NCZA124
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47.	Nickel Cobalt Chromium Aluminum Yttrium Alloy Nanopowder	NCZ-A-120-19

ADVANCED NANOMATERIALS

S.No.	Product Name	Product Number
1.	Black Phosphorus Crystal	NCZAM106
2.	Black Phosphorus Powder	NCZAM105
3.	Carbon Nanofibers (CNFs)	NCZM108-19
4.	Cr ₂ AlC MAXene Powder	NCZ-MX-113
5.	GRAPHDIYNE FILM	NCZ-GD-101
6.	Graphdiyne Monomer HEB-TMS	NCZ-GD-103
7.	Graphdiyne Nanowalls	NCZ-GD-102
8.	Graphdiyne Oxide Powder	NCZ-GD-105
9.	Graphdiyne Powder	NCZ-GD-104
10.	Graphitic Carbon Nitride Powder	NCZ-AM101-19
11.	Hexagonal Boron Nitride on Copper Foil	NCZ-AM-112-20
12.	Hexagonal Boron Nitride on Si/SiO ₂	NCZ-AM-113-20
13.	Mn ₂ AlC MAXene Powder	NCZ-MX-114
14.	Mo ₂ Ga ₂ C MAXene Powder	NCZ-MX-115
15.	Mo ₃ AlC ₂ MAXene Powder	NCZ-MX-116
16.	Molybdenum Disulfide Quantum Dots	NCZAM103
17.	Molybdenum Disulfide Powder, MoS ₂	NCZAM102
18.	Monolayer Molybdenum Diselenide Quantum Dots	NCZAM112
19.	Monolayer Molybdenum Disulfide	NCZAM104
20.	Monolayer Tungsten Diselenide Quantum Dots	NCZAM116
21.	Monolayer Tungsten Disulfide Quantum Dots	NCZAM110
22.	Monolayer Tungsten Disulfide Powder	NCZAM109
23.	Nano Size Monolayer Tungsten Disulfide	NCZAM108
24.	Nanosize Monolayer Molybdenum Disulfide	NCZAM101
25.	Nb ₂ AlC MAXene Powder	NCZ-MX-118
26.	Nb ₂ CTx MXene Multilayer Nanoflake	NCZ-MX-102
27.	Nb ₄ AlC ₃ MAXene Powder	NCZ-MX-117
28.	Ta ₄ AlC ₃ MAXene Powder	NCZ-MX-119
29.	Ti ₂ AlC Ceramic Material	NCZ-MX-101
30.	Ti ₂ AlC MAXene Powder	NCZ-MX-120
31.	Ti ₂ AlN MAXene Powder	NCZ-MX-121
32.	Ti ₂ C MXene Powder	NCZ-MX-112
33.	Ti ₃ AlC ₂ MAXene Powder	NCZ-MX-123
34.	Ti ₃ AlC ₂ MXene	NCZ-MX-105
35.	Ti ₃ C ₂ Tx (MXene) multilayer Nanoflake	NCZ-MX-110
36.	Ti ₃ C ₂ Tx (MXene) Nanosize thin layer dispersion	NCZ-MX-104-D
37.	Ti ₃ C ₂ Tx (MXene) Thin Layer Dispersion Solution	NCZ-MX-106
38.	Ti ₃ C ₂ Tx (MXene) Thin Layer Dispersion Solution	NCZ-MX-108
39.	Ti ₃ C ₂ Tx MXene Few Layer Dispersion Solution	NCZ-MX-107
40.	Ti ₃ C ₂ Tx MXene Few layer Nanoflake	NCZ-MX-109
41.	Ti ₃ SiC ₂ MAXene Powder	NCZ-MX-122
42.	Titanium carbide MXene freestanding thin films	NCZ-MX-103
43.	Tungsten Disulfide (WS ₂)	NCZAM107
44.	V ₂ AlC MAXene Powder	NCZ-MX-125
45.	V ₂ C MXene Powder	NCZ-MX-111
46.	V ₄ AlC ₃ MAXene Powder	NCZ-MX-126

48.	Nickel Graphite Alloy Nanopowder	NCZ-A-135-19
49.	Nickel Titanium Alloy Nanoparticles	NCZA127
50.	Nickel Zinc Iron Oxide Alloy Powder	NCZA128
51.	Palladium Silver Alloy Nanopowder	NCZA130
52.	Platinum Europium Alloy Nanopowder	NCZ-A-136-19
53.	Platinum Iridium Alloy Nanopowder	NCZ-A-137-19
54.	Silicon Aluminium Alloy Nanopowder	NCZA131
55.	Silver Aluminum Alloy Nanopowder	NCZ-A-150-19
56.	Silver Copper Alloy Nanoparticles	NCZA133
57.	Silver Copper Alloy Nanopowder	NCZ-A-111-19
58.	Silver Nickel Alloy Nanopowder	NCZ-A-138-19
59.	Silver Tin Alloy Nanopowder	NCZ-A-112-19
60.	Silver Zirconium Alloy Nanopowder	NCZ-A-139-19
61.	Stainless Steel 316 Alloy Nanoparticles/Nanopowder	NCZ-A-141-19
62.	Stainless Steel 430 Alloy Nanoparticles/Nanopowder	NCZ-A-142-19
63.	Stainless Steel Alloy Nanoparticles/Nanopowder	NCZ-A-140-19
64.	Stainless Steel Nanopowder	NCZ-A-121-19
65.	Tin Copper Alloy Powder / Nanopowder	NCZA134
66.	Tin Lead Alloy Nanoparticles	NCZA135
67.	Titanium Aluminium Vanadium Alloy Powder	NCZA136
68.	Titanium Carbide Tungsten Carbide Alloy Nanopowder	NCZ-A-143-19
69.	Titanium Niobium Carbide Alloy Nanopowder	NCZ-A-144-19
70.	Titanium Tantalum Carbide Tungsten Carbide Alloy Nanopowder	NCZ-A-145-19
71.	Tungsten Carbide Chromium Carbide Nickel Alloy Nanopowder	NCZ-A-146-19
72.	Tungsten Carbide Cobalt Alloy Nanopowder	NCZ-A-147-19
73.	Tungsten Carbide Cobalt Chromium Alloy Nanopowder	NCZ-A-148-19
74.	Tungsten Carbide Nickel Alloy Nanopowder	NCZ-A-149-19
75.	Zirconia Toughened Alumina Alloy Powder	NCZA139
76.	Zirconium Palladium Alloy Powder	NCZA140

APPLICATION ORIENTED MATERIALS

S.No.	Product Name	Product Number
1.	Quartz Substrate	NCZ-GSW-0025
2.	Reticulated Vitreous Carbon Foam Electrode	NCZAM-117-18
3.	Silicon/Silicon Dioxide Wafer	NCZ-GSW-0024

ARTIFICIAL BIOLOGICAL SOLUTIONS

S.No.	Product Name	Product Number
1.	ARTIFICIAL ECCRINE PERSPIRATION	NCZ-APS-0011
2.	Artificial Saliva	NCZ-APS-0012
3.	Artificial Urine	NCZ-APS-0014

UPCONVERTING NANOPARTICLES

S.No.	Product Name	Product Number
1.	Oil Dispersible Upconverting Nanoparticles	NCZ-UCNP-102
2.	PEG Modified Upconverting Nanoparticles	NCZ-UCNP-103
3.	Water Dispersible Upconverting Nanoparticles	NCZ-UCNP-101

CARBON NANOTUBE & FULLERENE

S.No.	Product Name	Product Number
1.	Functionalized MWCNT-Multi Walled Carbon Nanotubes	NCZCNT107
2.	Functionalized Short MWCNT-Multi Walled Carbon Nanotubes	NCZCNT108
3.	Functionalized Short SWCNT-Single Walled Carbon Nanotubes	NCZ-SS-CNT103
4.	Functionalized SWCNT-Single Walled Carbon Nanotubes	NCZCNT103
5.	MWCNT-Multi Walled Carbon Nanotubes	NCZCNT105
6.	Short Length MWCNT-Multi Walled Carbon Nanotubes	NCZCNT106
7.	Short Length SWCNT-Single Walled Carbon Nanotubes	NCZCNT102
8.	SWCNT-Single Walled Carbon Nanotubes	NCZCNT101

CORE SHELL NANO & MICRO STRUCTURES

S.No.	Product Name	Product Number
1.	AgI Silica Core Shell Nanoparticles	NCZCS101-19
2.	Aluminium Silicon Oxide Core Shell Nanoparticles	NCZCS101
3.	Au TiO ₂ Core Shell Nanoparticles	NCZCS118
4.	Cadmium Selenide Cadmium Sulfur Silica Core Shell Nanoparticles	NCZCS102
5.	Cadmium Selenide Silica Core Shell Nanoparticles	NCZCS103
6.	Cadmium Selenium Zinc Sulfur Silica Core Shell Nanoparticles	NCZCS104
7.	Cadmium Sulfur Silica Core Shell Nanoparticles	NCZCS105
8.	Calcium Carbonate Silica Core Shell Nanoparticles	NCZCS107
9.	CdTe SiO ₂ Core Shell Nanoparticles	NCZCS106
10.	Cobalt Silica Core Shell Nanoparticles	NCZCS108
11.	Copper Silica core/shell Nanoparticles	NCZCS109
12.	Gold Cadmium Selenium Core Shell Nanoparticles	NCZCS110
13.	Gold Cobalt Core Shell Nanoparticles	NCZCS111
14.	Gold Copper Iodide Core Shell Nanoparticles	NCZCS112
15.	Gold Iron Oxide Core Shell Nanoparticles	NCZCS113
16.	Gold Palladium Core Shell Nanoparticles	NCZCS117
17.	Gold Platinum Core Shell Nanoparticles	NCZCS114
18.	Gold Silicon Oxide Core-Shell Nanoparticles	NCZCS115
19.	Gold Silver Core Shell Nanoparticles	NCZCS116
20.	Iron Nickel Silica Core Shell Nanoparticles	NCZCS119
21.	Iron Oxide Silica Core Shell Nanoparticles	NCZCS120
22.	Iron Oxide Silicon Dioxide Titanium Oxide Core Shell	NCZCS121
23.	Nickel Silica Core Shell Nanoparticles	NCZCS122
24.	Silver Silica Core Shell Nanoparticles	NCZCS124
25.	Zinc sulfur Manganese Silica Core Shell Nanoparticles	NCZCS126
26.	ZnO SiO ₂ Core Shell Nanoparticles	NCZCS125

DISPERSIONS NANO & MICRO

S.No.	Product Name	Product Number
1.	Alumina Dispersion	NCZD1301
2.	Alumina Slurry Polishing	NCZ-D-1501N
3.	Aluminium Oxide Dispersion	NCZD1401
4.	Aluminum Powder Dispersion	NCZD101
5.	Aluminum Toluene Dispersion	NCZD201
6.	Antimony Tin Oxide Dispersion	NCZD1501
7.	Barium Sulfate Dispersion	NCZ-D-001004
8.	Bismuth Oxide Dispersion	NCZ-D-1502N
9.	Boron Nitride Nanoparticles Dispersion	NCZ-D-1504N
10.	Calcium Carbonate Dispersion	NCZD301
11.	Carbon Conductive Ink	NCZD1601
12.	Carbon Nano Fiber Dispersion Organic Solvent	NCZD1702
13.	Carbon Nanofiber Dispersion in Water	NCZD1701
14.	Cerium Oxide Nanoparticle Dispersion	NCZD1801
15.	Copper Nanoparticles Dispersion	NCZD401
16.	Copper Nanoparticles Ink	NCZD501
17.	Copper Zinc Alloy Nano Dispersion	NCZ-D-1503N
18.	Epoxycyclohexyl POSS	NCZD1901
19.	Europium Doped Zinc Oxide Dispersion	NCZ-D-1505N
20.	Gallium Nanoparticles Dispersion	NCZ-D-1506N
21.	Gold Nanoparticles Dispersion	NCZD601
22.	Graphene Dispersion Organic Solvent	NCZ-D-107N
23.	Iron Oxide Nanoparticles Dispersion	NCZD2001
24.	Magnesium Nanoparticle Dispersion	NCZD701
25.	MWCNT Dispersion	NCZD2101
26.	Nickel Oxide Dispersion	NCZ-D-108-N
27.	Niobium Doped Titanium Dioxide Dispersion	NCZ-D109-N
28.	Niobium Nanopowder Dispersion with EDA Ligand	NCZD801
29.	Niobium Powder with MPS Ligand	NCZD802
30.	Octa Ammonium POSS	NCZ2201
31.	Octamethyl POSS (Octamethylsilsesquioxane)	NCZD2301
32.	Octaphenyl Silsesquioxane (Octaphenyl POSS, Purity: 99.99%)	NCZD2401
33.	Octavinyl Poss (Octavinyl octasilasesquioxane)	NCZD2501
34.	Platinum Dispersion	NCZD901
35.	Silica Dispersion	NCZD2601
36.	Silicon Dioxide Dispersion	NCZD2701
37.	Silver Colloidal Dispersion	NCZD1002
38.	Silver Copper Alloy Dispersion	NCZD1003
39.	Silver Dispersion Nanoparticles	NCZD1001
40.	Silver Nano Water Dispersion	NCZD1004
41.	SWCNT Dispersion	NCZD2801
42.	SWCNT Water Dispersion	NCZD2802
43.	Titanium Dioxide Dispersions	NCZD2901
44.	Titanium Dioxide Nanoparticles Dispersion	NCZD2902
45.	Transparent Conductive Ink	NCZD3001
46.	Yttrium Doped Zinc Oxide Dispersion	NCZ-D110-N
47.	Zinc Copper Core Shell Dispersion	NCZ-D111-N
48.	Zinc Nanoparticles Dispersion	NCZD1201
49.	Zinc Oxide Slurry	NCZD3102
51.	Zirconia Slurry Polishing	NCZ-D112-N
52.	Zirconium Oxide Nanoparticle Dispersion	NCZD3201
53.	ZnO Nanoparticle Dispersion	NCZD3101

ELECTRODES FILMS WAFERS & TARGETS

S.No.	Product Name	Product Number
1.	Doped Silicon Wafer	NCZ-WM-0016
2.	Germanium Wafers	NCZ-WM-0018
3.	Microcrystalline cellulose Wafer	NCZ-WM-0021
4.	N Doped Silicon Wafer	NCZ-WM-0014
5.	Nanostructured Carbon Screen Printed Electrodes	NCZSPE105-19
6.	Platinum & Gold Coated Silicon Wafer	NCZ-WM-0020
7.	Platinum coated Silicon Wafer	NCZ-WM-0027-19
8.	Sapphire Wafer C Plane (Al ₂ O ₃)	NCZ-WM-0022
9.	Silicon Carbide Wafers N-Type (Phosphorus Doped)	NCZ-WM-0019
10.	Silicon Germanium Wafers	NCZ-WM-0017
11.	Silicon Wafer 6 inch (P Type, Boron Doped)	NCZ-WM-0012
12.	Silicon Wafer Undoped	NCZ-WM-0011
13.	Silicon Wafer with Silicon Dioxide Layer	NCZ-WM-0015
14.	Zensor Screen Printed Electrodes	NCZSPE101

FOAMS, FOILS & NANO COATINGS

S.No.	Product Name	Product Number
1.	Aluminium Foam Panel	NCZFF113
2.	Aluminum Foil for Lithium Ion Battery	NCZ-F-0017
3.	Aluminum Metal Foam	NCZFF108
4.	Aluminum Nanofoam	NCZFF114
5.	Copper Foam	NCZFF101
6.	Copper Foil Sheets	NCZ-F-0011
7.	Electrical Conductive Nickel Metal Foam	NCZFF104
8.	EVA Foam	NCZFF111
9.	Gold Foil Sheets	NCZ-F-00118
10.	Nickel Foil	NCZ-F-0015
11.	Open Cell Copper Foam Heat Exchanger	NCZFF105
12.	Palladium Metal Foil	NCZ-F-0016
13.	Platinum Foil Sheets	NCZ-F-00122
14.	Polyethylene Foam	NCZFF110
15.	Premium Grade Copper Metal Foams	NCZFF102
16.	Pure Gold Metal Sheet/Foil	NCZ-F-00118-R1
17.	Pure Platinum Metal Sheet/Foil	NCZ-F-00122-R1
18.	Pure Silver Metal Sheet/Foil	NCZ-F-00117-R1
19.	Reticulated Vitreous Carbon Foam	NCZFF112
20.	Reticulated Vitreous Carbon Foam RVC Foam	NCZFF112
21.	Silver Foil Sheets	NCZ-F-00117
22.	Stainless Steel Foam	NCZFF107
23.	Titanium Metal Foil	NCZ-F-0012
24.	Tungsten Metal Foil	NCZ-F-0014

GRAPHENE NANOSTRUCTURES

S.No.	Product Name	Product Number
1.	3D Freestanding Graphene Foam	NCZ-GSW-0023
2.	3D Graphene on Nickel/Copper Foam	NCZ-GSW-0022
3.	Aminated Graphene Quantum Dots	NCZC3001
4.	Blue Luminescent Graphene Quantum Dots	NCZC3004
5.	Carboxylated Graphene Quantum Dots	NCZC3003
6.	CVD Graphene on Copper Foil	NCZ-GSW-0016
7.	CVD Graphene on PET Substrate	NCZ-GSW-0019
8.	CVD Graphene on Quartz Substrate	NCZ-GSW-0020
9.	CVD Graphene on Silicon Substrate	NCZ-GSW-0017
10.	CVD Graphene on SiO ₂ Substrate	NCZ-GSW-0018
11.	Graphene & Carbon Nanotubes Water Paste	NCZC1010
12.	Graphene Dispersion	NCZC1003
13.	Graphene Nanoplatelets	NCZC1012
14.	Graphene Nanoplatelets & Carbon Nanotubes Mix Paste	NCZC1011
15.	Graphene Nanoplatelets & Carbon Nanotubes Water/NMP Dispersion	NCZC1016
16.	Graphene Nanoplatelets Dispersion	NCZC1009
17.	Graphene Nanoplatelets Industrial Grade	NCZC1012
18.	Graphene Nanoplatelets Paste	NCZC1008
19.	Graphene Nanoplatelets Powder	NCZC1007
20.	Graphene on Lacey Carbon 300 Mesh Copper TEM Grids	NCZ-GSW-0015
21.	Graphene on Silicon Nitride TEM Grids	NCZ-GSW-0012
22.	Graphene on SiO ₂ Substrate	NCZ-GSW-0011
23.	Graphene on Ultra-Fine 200 Mesh Copper TEM Grids	NCZ-GSW-0014
24.	Graphene Oxides Solution	NCZC2001
25.	Graphene Paste	NCZC1005
26.	Graphene Sheets Powder	NCZC1001
27.	Graphene Solution	NCZC1004
28.	High Purity Graphene Nanoplatelets	NCZ3001-19
29.	Hydroxylated Graphene Quantum Dots	NCZC3002
30.	Nitrogen-doped Graphene Powder	NCZC1006
31.	Pretreated Graphene on PET/PMMA Substrate	NCZ-GSW-0021
32.	Reduced Graphene Oxide Dispersion	NCZC2002
33.	Reduced Graphene Oxide Powder	NCZC1002

NANORODS

S.No.	Product Name	Product Number
1.	Cadmium Selenide Nanorods	NCZR112
2.	Gold Nanorods	NCZR102
3.	Iron Hydroxide Nanorods	NCZR106
4.	Iron Oxide Nanorods	NCZR101-19
5.	Manganese Oxide Nanorods	NCZR104
6.	Titanium Dioxide Nanorods	NCZR102-19
7.	Tungsten Oxide Nanorods	NCZR103
8.	Vanadium Oxide Nanorods	NCZR114

MICRO PARTICLES & POWDERS

S.No.	Product Name	Product Number
1.	Aluminium Powder	NCZM101
2.	Bilirubin Powder	NCZM102
3.	Bismuth (III) sulfide Powder	NCZM130
4.	Bismuth Powder	NCZM103
5.	BORON POWDER	NCZM104
6.	Brass Powder	NCZ-M-131
7.	Bronze powder	NCZM132
8.	Cadmium powder	NCZM133
9.	Calcium Carbonate micro particles	NCZM134
10.	Chromium Powder	NCZM106
11.	COBALT MICRO POWDER	NCZM107
12.	Copper Powder	NCZM108
13.	Gallium Powder	NCZM135-18
14.	Gold Powder	NCZM136-18
15.	Graphite Powder	NCZM109
16.	Iron Micropowder	NCZM110
17.	MAGNESIUM POWDER	NCZM111
18.	Manganese Carbonate Micro particles Powder	NCZM101-19
19.	Manganese Powder	NCZM112
20.	MESOPOROUS CARBON MATERIALS	NCZM113
21.	Milled Carbon Fiber Powder	NCZM114
22.	Molybdenum Pentachloride	NCZM102-19
23.	Neodymium Iron Boron Magnetic Powder	NCZM-125-19
24.	NICKEL POWDER	NCZM115
25.	Niobium Micropowder	NCZM116
26.	Niobium Pentachloride Powder	NCZM103-19
27.	Palladium Nanopowder	NCZM104-19
28.	SILICON NITRIDE POWDER	NCZM117
29.	Silicon Powder	NCZM118
30.	SILVER POWDER	NCZM119
31.	Sodium Hexafluoroantimonate Powder & Dispersion	NCZM105-19
32.	Soft Iron Powder	NCZM120
33.	Stainless Steel Powders	NCZM122
34.	SULFUR POWDER	NCZM123
35.	Tantalum Powder	NCZM124
36.	Tin Powder	NCZM125
37.	Tin Sulfide Powder	NCZM106-19
38.	Titanium Powder	NCZM126
39.	Transparent Conductive Ink	NCZM127
40.	Vanadium Powder	NCZM128
41.	Zinc Metal Powder	NCZM129
42.	Zirconium Powder	NCZM130
43.	Zirconium Powder	NCZM107-19

MOF

S.No.	Product Name	Product Number
1.	Aluminium Metal Organic Framework	NCZMOF102
2.	Chromium Metal Organic Framework	NCZMOF103
3.	Chromium MOF	NCZMOF112
4.	Copper Metal Organic Framework	NCZMOF105
5.	Dysprosium Metal Organic Framework	NCZMOF116
6.	Dysprosium Metal Organic Framework	NCZMOF116
7.	Europium Metal Organic Framework	NCZMOF117
8.	Ferrous Metal Organic Framework	NCZMOF104
9.	Iron Metal Organic Framework	NCZMOF119
10.	Manganese Metal Organic Framework	NCZMOF107
11.	Methylimidazole Zinc Salt MOF	NCZMOF101
12.	Nickel based Metal Organic Framework	NCZMOF122
13.	Samarium Metal Organic Framework	NCZMOF123
14.	Terbium Metal Organic Framework	NCZMOF115
15.	Tin Metal Organic Framework	NCZMOF109
16.	Titanium Metal Organic Framework	NCZMOF121
17.	Zinc Based Metal Organic Framework	NCZMOF120
18.	Zirconium Metal Organic Framework	NCZMOF113

PASTE & INKS

S.No.	Product Name	Product Number
1.	Aluminum Oxide Paste	NCZ-P-101
2.	Carbon Graphene Screen Print Ink Paste	NCZ-SPI-102
3.	Carbon Screen Print Paste and Ink	NCZ-SPI-101
4.	Conducting Gold Paste	NCZ-P-106
5.	Copper Paste	NCZ-P-105
6.	Dielectric Paste for Screen Printing Electrode	NCZ-SPI-107
7.	Gold Paste for Screen Printing	NCZ-SPI-106
8.	Insulating Paste for Screen Printing	NCZ-SPI-108
9.	Nickel Oxide Anode Paste	NCZ-P-103
10.	Platinum Conductive Paste for Screen Print Applications	NCZ-P-108
11.	Platinum Gold Conductor Paste	NCZ-P-104
12.	Platinum Paste Screen Print Ink	NCZ-SPI-103
13.	Silver Conducting Paste	NCZ-PI-105
14.	Silver Paste	NCZ-P-111
15.	Silver Platinum Conductor Paste	NCZ-P-110
16.	Silver-Palladium Conducting Paste	NCZ-P-109
17.	Silver/Silver Chloride Pastes for Electrochemistry	NCZ-SPI-104
18.	Titanium Dioxide Paste	NCZ-P-102
19.	Tungsten Conducting Paste	NCZ-P-112
20.	Yttria Stabilized Zirconia Paste	NCZ-P-107

NANOPARTICLES & NANOPOWDERS

S.No.	Product Name	Product Number
1.	Alumina nanoparticles powder	NCZ2201-G
2.	Aluminium Hydroxide nanoparticles	NCZ301
3.	Aluminum Nanoparticles	NCZ201
4.	Aluminum Nitride Nanoparticles	NCZ401
5.	Aluminum Oxide Nanoparticles	NCZ2201
6.	Antimony Oxide Nanoparticles	NCZNP103-19
7.	Antimony tin oxide nanoparticles	NCZ501
8.	Barium Iron Oxide Nanoparticles	NCZ601
9.	Barium Sulfate (BaSO ₄) Nanoparticles	NCZ701
10.	Barium Titanate	NCZ801
11.	Bismuth Nanopowder	NCZNP104-19
12.	Bismuth Oxide Nanopowder	NCZNP105-19
13.	Boron Carbide nanoparticles	NCZ901
14.	Boron Nanoparticles	NCZNP106-19
15.	Boron nitride nanoparticles	NCZ1001
16.	Boron Oxide Nanoparticles	NCZ1101
17.	Cadmium Nanoparticles	NCZNP108-19
18.	Cadmium Oxide Nanoparticles	NCZNP109-19
19.	Cadmium Selenide Nanoparticles	NCZNP110-19
20.	Cadmium Sulfide Nanoparticles	NCZNP111-19
21.	Calcium carbonate nanoparticles powder	NCZ1201
22.	Carbon Nanopowder	NCZ1301
23.	Cerium oxide nanoparticles	NCZ1701
24.	Chromium carbide nanoparticles	NCZ1501
25.	Chromium Nanoparticles	NCZ1401
26.	Chromium Oxide Nanopowder	NCZ1601
27.	Cobalt Ferrite Nanoparticles	NCZ1901
28.	Cobalt Nanoparticles	NCZ1801
29.	Copper Nanoparticles	NCZ2101
30.	Copper oxide nanoparticles	NCZ2301
31.	Diamond Nanoparticles	NCZ2401
32.	Dysprosium Oxide Nanoparticles	NCZ2501
33.	Erbium Oxide Nanoparticles	NCZ2601
34.	Europium Oxide Nanoparticles	NCZ2701
35.	Gadolinium Oxide Nanoparticles	NCZ2801
36.	Gold Nanoparticles	NCZ2901
37.	Graphene Nanoplatelets	NCZ3001
38.	Graphite nanoparticles	NCZ3101
39.	Hafnium Oxide Nanoparticles	NCZ3201
40.	Indium Hydroxide Nanoparticles	NCZ3301
41.	Indium Oxide Nanoparticles	NCZ3501
42.	Indium Tin Oxide ITO Nanoparticles	NCZ3301
43.	Iron Nanoparticles	NCZ3601
44.	Iron Oxide Hydroxide Goethite Nanoparticles	NCZ3801
45.	Iron oxide nanoparticles	NCZ3702
46.	Iron oxide nanoparticles powder	NCZ3701
47.	Lanthanum Oxide Nanoparticles	NCZ3901

48.	Magnesium Hydroxide Nanoparticles	NCZ4001
49.	Magnesium Oxide Nanoparticles	NCZ4101
50.	Molybdenum Nanoparticles	NCZ4301
51.	Molybdenum Oxide Nanoparticles	NCZ4401
52.	Neodymium Oxide Nanoparticles	NCZ4501
53.	Nickel Nanoparticles	NCZ4601
54.	Nickel oxide nanoparticles	NCZ4701
55.	Platinum Nanoparticles	NCZ4801
56.	Silica Coated Aluminium Nano powder	NCZNP101-19
57.	Silicon carbide nanoparticles Alpha	NCZ5001
58.	Silicon carbide nanoparticles Beta	NCZ5002
59.	Silicon nitride nanoparticles powder	NCZ5101
60.	Silicon Oxide Nanoparticles	NCZ4901
61.	Silver Nanoparticles	NCZ5201
62.	Tantalum Nitride Nanoparticles	NCZNP1213 - 20
63.	Tin nanoparticles powder	NCZ5301
64.	Tin Oxide nanoparticles powder	NCZ5401
65.	Titanium Nanoparticles	NCZ5501
66.	Titanium oxide nanoparticles Anatase	NCZ5601
67.	Titanium oxide nanoparticles Rutile	NCZ5602
68.	Tungsten Carbide Cobalt Nanoparticles	NCZ5801
69.	Tungsten nanoparticles	NCZ5701
70.	Tungsten Oxide Nanoparticles	NCZ5901
71.	Ytterbium Fluoride Nanoparticles	NCZ6101
72.	Yttrium Oxide nanoparticles	NCZ6001
73.	Zinc Nanopowder/Nanoparticles	NCZ6201
74.	Zinc Oxide Nanoparticles	NCZ4701

NANOWIRES

S.No.	Product Name	Product Number
1.	Aluminium Oxide Nanowires	NCZW102
2.	Coating and membrane Grade Aluminum oxide nanowires	NCZNW102-19
3.	Coating and Membrane Grade Titanium Oxide Nanowires	NCZNW103-19
4.	Cobalt Nanowires	NCZW103
5.	Copper Hydroxide Nanowires	NCZNW104-19
6.	Copper Nanowire	NCZW105
7.	Copper Nanowires	NCZW104
8.	Gold Nanowire	NCZW106
9.	Highly Conducting Silver Nanowire	NCZNW116-19
10.	Hydroxyapatite Nanowire	NCZNW105-19
11.	Iron Nanowires	NCZNW106-19
12.	Iron oxide Nanowires	NCZNW107-19
13.	Iron Oxyhydroxide Nanowires	NCZNW108-19
14.	Lanthanum Oxide Nanowires	NCZNW109-19
15.	Lead Nanowires	NCZW107
16.	Lead Titanate Nanowires	NCZW108
17.	Lead Zirconate Titanate Nanowire	NCZW109
18.	Magnesium Oxide Nanowire	NCZNW110-19
19.	Manganese Oxide Nanowires	NCZW110
20.	Manganese Tungstate Nanowire	NCZNW111-19

21.	Nickel Hydroxide Nanowire	NCZNW112-19
22.	Nickel Nanowires	NCZW111
23.	Nickel Oxide Nanowire	NCZNW113-19
24.	Potassium Trimolybdate Nanowire	NCZNW114-19
25.	Silicon Carbide Nanowire	NCZNW115-19
26.	Silicon Nanowire on Silicon Wafer Substrate	NCZW112
27.	Silver Nanowires	NCZW101
28.	Sodium Ammonium Tri Molybdate Nanowires	NCZNW117-19
29.	Tellurium Nanowire	NCZNW118-19
30.	Titanium Dioxide Nanowire	NCZW119
31.	Titanium Oxide Anatase Nanowires	NCZNW101-19
32.	Tungsten Oxide Nanowire	NCZNW120-19
33.	Vanadium Oxide Nanowires	NCZW120
34.	Zinc Oxide Nanowire	NCZNW122-19

OTHER SPECIALITY CHEMICALS & MATERIALS

S.No.	Product Name	Product Number
1.	Cobalt Iron Alloy Powder	NCZ-A-142
2.	Molybdenum Disulfide Powder	NCZAM102-19
3.	Pinnatoxin-G	NCZ-000-101
4.	PVDF Powder Poly	NCZ-A-152-19
5.	Silicon Powder Spherical	NCZ-AM-104-19
6.	Silver Platinum Alloy Powder	NCZ-A-148
7.	Silver Tin Alloy Powder	NCZ-A-141
8.	Titanium Aluminium Vanadium powder spherical	NCZ-AM-103-19
9.	Zirconium Oxide Powder with Less Hafnium Content	NCZ-AM-102-19

QUANTUM DOTS

S.No.	Product Name	Product Number
1.	Blue Luminescent Hydrophilic Graphene Quantum Dots	NCZQD114-20
2.	Blue Luminescent Hydrophobic Graphene Quantum Dots	NCZQD116-20
3.	Cadmium Telluride Quantum Dots	NCZQD102-19
4.	Carbon COOH Qds	NCZQD119-20
5.	CdSe ZnS Quantum Dots	NCZQD101-19
6.	Indium Phosphide/Zinc Sulphide Quantum Dots QUANTUM DOTS	NCZQD103-19
7.	LED Quantum Dots (Zinc Selenide / Zinc Sulphide Quantum Dots)	NCZQD120-20
8.	Perovskite Quantum Dots	NCZQD104-19
9.	Zinc Selenide /Zinc Sulphide Quantum Dots	NCZQD106-19
10.	ZnCdSeS alloyed Quantum Dots	NCZQD105-19

RARE EARTH ELEMENTS

S.No.	Product Name	Product Number
1.	Cerium Micron Powder	NCZ-RE-101-19
2.	Cerium Oxide Micron Powder	NCZ-RE-116-19
3.	Cerium Oxide Nanopowder/Nanoparticles	NCZ-RE-116A-19
4.	Dysprosium Micron Powder	NCZ-RE-102-19
5.	Dysprosium Oxide Micron Powder	NCZ-RE-117-19
6.	Dysprosium Oxide Nanopowder/Nanoparticles	NCZ-RE-117A-19
7.	Erbium Micron Powder	NCZ-RE-103-19
8.	Erbium Oxide Micron Powder	NCZ-RE-118-19
9.	Erbium Oxide Nanopowder/Nanoparticles	NCZ-RE-118A-19
10.	Europium Micron Powder	NCZ-RE-104-19
11.	Europium Oxide Micron Powder	NCZ-RE-119-19
12.	Europium Oxide Nanopowder/Nanoparticles	NCZ-RE-119A-19
13.	Gadolinium Micron Powder	NCZ-RE-105-19
14.	Gadolinium Oxide Micron Powder	NCZ-RE-120-19
15.	Gadolinium Oxide Nanopowder/Nanoparticles	NCZ-RE-120A-19
16.	Holmium Micron Powder	NCZ-RE-106-19
17.	Holmium Oxide Micron Powder	NCZ-RE-121-19
18.	Lanthanum Micron Powder	NCZ-RE-107-19
19.	Lanthanum Aluminate Powder Micron and Nano Size	NCZ-RE-133-20
20.	Lanthanum Hexaboride Micron Powder	NCZ-RE-130A-19
21.	Lanthanum Oxide Micron Powder	NCZ-RE-122-19
22.	Lanthanum Oxide Nanopowder/Nanoparticles	NCZ-RE-122-19
23.	Lanthanum Trifluoride Nanopowder/Nanoparticles	NCZ-RE-131-19
24.	Lutetium Micron Powder	NCZ-RE-116
25.	Lutetium Oxide Micron Powder	NCZ-RE-123-19
26.	Neodymium Micron Powder	NCZ-RE-108-19
27.	Neodymium Oxide Micron Powder	NCZ-RE-123-19
28.	Neodymium Oxide Nanopowder/Nanoparticles	NCZ-RE-123A-19
29.	Praseodymium Micron Powder	NCZ-RE-109-19
30.	Praseodymium Oxide Micron Powder	NCZ-RE-124-19
31.	Praseodymium Oxide Nanopowder/Nanoparticles	NCZ-RE-124B-19
32.	Samarium Micron Powder	NCZ-RE-110-19
33.	Samarium Oxide Micron Powder	NCZ-RE-125-19
34.	Samarium Oxide Nanopowder/Nanoparticles	NCZ-RE-125A-19
35.	Scandium Micron Powder	NCZ-RE-111A-19
36.	Scandium Oxide Micron Powder	NCZ-RE-126-19
37.	Terbium Micron Powder	NCZ-RE-112-19
38.	Terbium Oxide Micron Powder	NCZ-RE-127-19
39.	Terbium Oxide Nanopowder/Nanoparticles	NCZ-RE-127A-19
40.	Thulium Micron Powder	NCZ-RE-113-19
41.	Thulium Oxide Micron Powder	NCZ-RE-128-19
42.	Ytterbium Micron Powder	NCZ-RE-114-19
43.	Yttrium Micron Powder	NCZ-RE-115-19
44.	Yttrium Aluminate Nanopowder/Nanoparticles	NCZ-RE-132-19
45.	Yttrium Oxide Micron Powder	NCZ-RE-129-19
46.	Yttrium Oxide Nanopowder/Nanoparticles	NCZ-RE-129A-19

FEATURES OF NANO CHEMAZONE ELEMENTS

Quality in a service or product is not what you put into it.
It is what the client or customer gets out of it. our primary goal is client satisfaction.



INNOVATION

Our interdisciplinary research and development team has a set up record of creating innovation for complex issues.



SCIENTIFIC

We select execution measurements in view of the requirements of the final product, and recognize the basic parameters for the improvement of high return, versatile and reproducible processing and manufacturing techniques.



CONFIDENTIALITY

Our organizational relationship with clients, and in addition all work and information related to the research and development action, will remain completely confidential.



ON TIME AND COST EFFECTIVE

Our team is determined to give on time and cost effective deliveries that exceed our customer's expectations.



SINGLE PLATFORM FOR EVERY NEED

We provide Exclusive Variety of Nano products and quality services at single platform.




COMPREHENSIVE COMMUNICATION


We formulate documents reports, permit access to lab notebooks, and regular conference calls to answer questions and collaboratively make strategic decisions about the project direction.

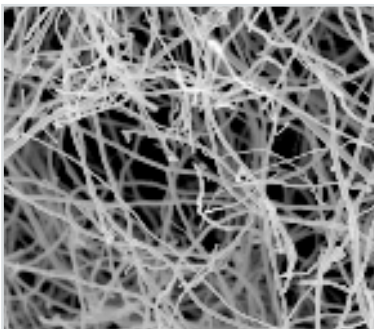


ADVANCED NANOMATERIALS

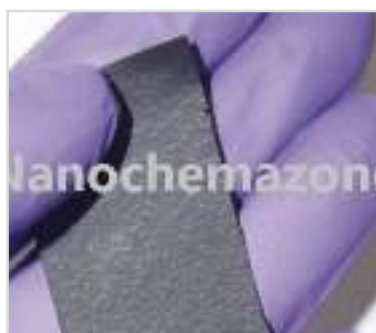
Advanced Nanomaterials are characterised into nanocomposite, nanofoam, nanoporous material and nanocrystalline materials depending on the phases of matter. The inorganic nanomaterials such as nanowires, nanorods, quantum dots are used in optoelectronics because of their optical and electrical properties that depend on their size and shape. These nanomaterials are potentially used in organic materials based optoelectronic devices which find its application in Organic solar cells, OLEDs etc.

	MF:	P
	Chemical Name:	Black Phosphorus
	Purity:	> 99.99%
	Form:	Crystal (also available as Sealed in an ampoule under Argon)
	Product Number:	NCZAM106
	CAS Number:	7723-14-0
Black Phosphorus Crystal		

MF:	P	
Chemical Name:	Black Phosphorus Powder	
Purity:	> 99.99%	
Form:	Powder (also available as Sealed in an ampoule under Argon)	
Product Number:	NCZAM105	
CAS Number:	7723-14-0	
		Black Phosphorus Powder

	Length:	< 50 microns (Customization available)
	OD:	200-600 nm
	Purity:	≥99%
	SSA:	18 m ² /g
	Electric Conductivity:	>100s/cm
	True density:	~2.1 g/cm ³
Carbon Nanofibers (CNFs)		

Product:	Cr2AlC MAXene	
Colour:	Black Powder	
Purity:	≥98 wt%	
Ingredient:	Cr2AlC	
Product Code:	NCZ-MX-113	
		Cr2AlC MAXene Powder



Graphdiyne Film

Product:	Graphdiyne film
Thickness:	50-200 nm \pm 20 nm
Size:	2 cm \times 2 cm, 2 cm \times 10 cm
Base Template:	Cu
CAS Number:	154702-15-5
Product Code:	NCZ-GD-101

Product:	Hexaethynylbenzene (HEB-TMS)
Color:	Pale-Yellow powder
CAS Number:	154702-15-5
Product Code:	NCZ-GD-103
Storage Conditions:	Sealed, avoid light, keep dry at room temperature



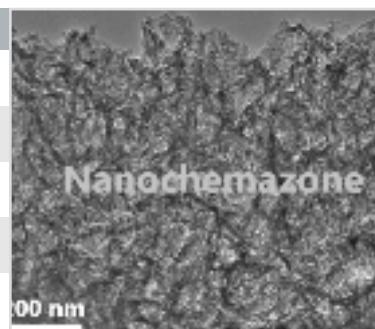
Graphdiyne Monomer HEB-TMS



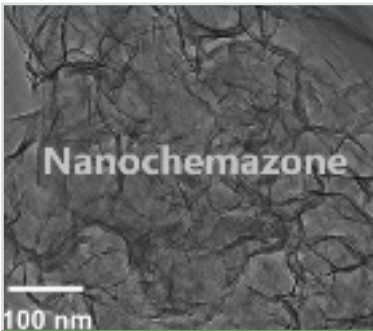
Graphdiyne Nanowalls

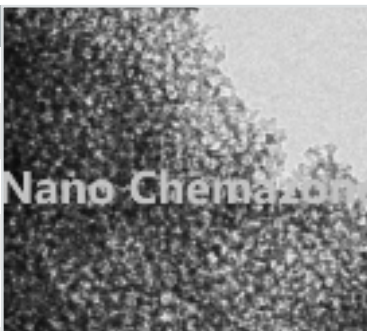
Product:	Graphdiyne Nanowalls
Thickness:	300-500 nm
Size:	1.5cm*1.5cm/1cm*1cm
Template:	Cu
CAS Number:	154702-15-5
Product Code:	NCZ-GD-102

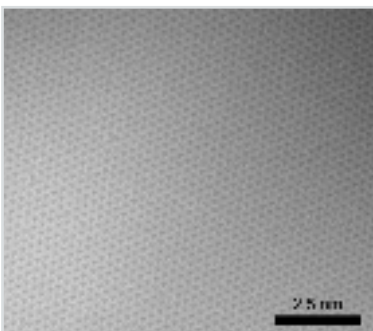
Product:	Graphdiyne Oxide Powder
Pack Size:	10 mg, 20 mg, 50 mg, 100 mg & 1 gram
CAS Number:	154702-15-5
Product Code:	NCZ-GD-105
Storage Conditions:	Sealed, avoid light, keep dry at room temperature

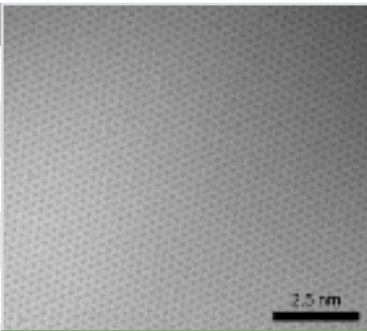


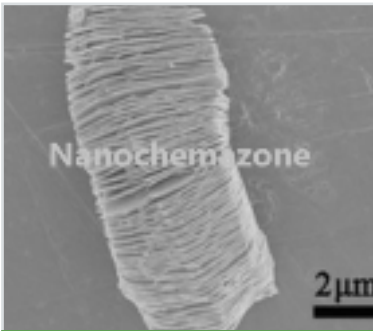
Graphdiyne Oxide Powder

	Product:	Graphdiyne Powder
	Pack Size:	10 mg, 20 mg, 50 mg, 100 mg & 1 gram
	CAS Number:	154702-15-5
	Product Code:	NCZ-GD-104
	Storage Conditions:	Sealed, avoid light, keep dry at room temperature
Graphdiyne Powder		

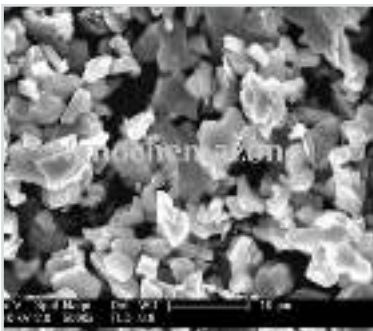
Product Name:	Graphite Carbon Nitride	
Formula:	C ₃ N ₄ +xHy	
Appearance:	Off-white to yellowish-brown powder	
Density:	2.336 g/cm ³	
Average Particle Size:	10-50 Micron (Customizable)	
Specific Surface Area:	>35 m ² /g	Graphitic Carbon Nitride (g-C ₃ N ₄) Powder


	Transparency:	> 97%
	hBN Coverage:	100% with sporadic adlayers
	Raman Peak:	1370 /cm ¹
	Bandgap:	5.97 eV
	Grain size:	>4 µm
Hexagonal Boron Nitride on Copper Foil		Copper Foil: 25 µm thick

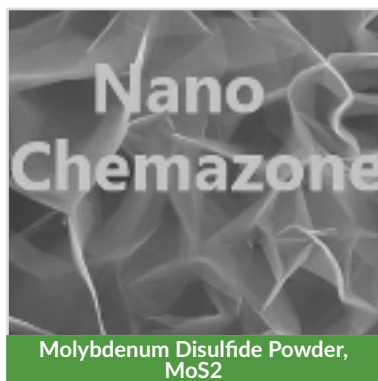
Product Name:	Monolayer h-BN	
Transparency:	> 97%	
hBN Coverage:	100% with sporadic adlayers	
Grain size:	>4 µm	
Wafer Thickness:	500 +/- 50 µm	
Oxide Thickness:	300 nm	Hexagonal Boron Nitride on Si/SiO ₂

	Product:	Mn2AlC MAXene
	Colour:	Black Powder
	Purity:	≥98 wt%
	Ingredient:	Mn2AlC
	Product Code:	NCZ-MX-114
Mn2AlC MAXene Powder		

Product:	Mo2Ga2C MAXene	
Colour:	Black Powder	
Purity:	≥98 wt%	
Ingredient:	Mo2Ga2C	
Product Code:	NCZ-MX-115	
		Mo2Ga2C MAXene Powder

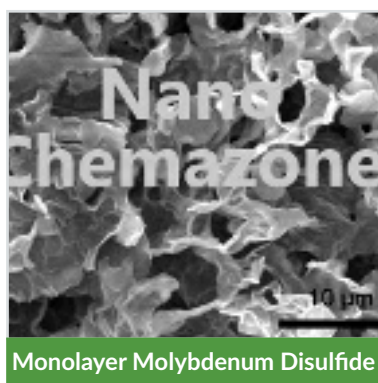
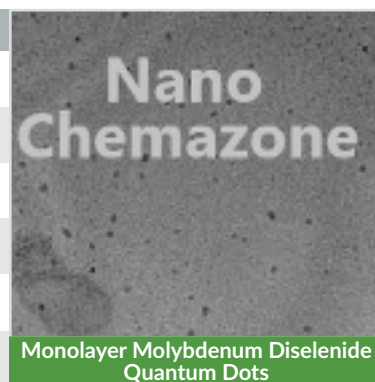
	Product:	Mo3AlC2 MAXene
	Colour:	Black Powder
	Purity:	≥98 wt%
	Ingredient:	Mo3AlC2
	Product Code:	NCZ-MX-116
Mo3AlC2 MAXene Powder		

Purity:	> 99.99%	
Size:	≤ 10 nm (Size Customization possible)	
Concentration:	0.5 to 1 mg/ml	
Form:	Powder/Dispersion	
Product Number:	NCZAM103	
CAS Number:	1317-33-5	Molybdenum Disulfide (MoS2) Quantum Dots



Chemical Name:	Molybdenum Disulfide Powder
Purity:	> 99.99%
Diameter:	20 nm to 10 μm (Size Customization possible)
Form:	Powder/Dispersion (nano and micron Particle size)
Product Number:	NCZAM102
CAS Number:	1317-33-5

Purity:	> 99.99%
Size:	≤ 10 nm (Size Customization possible)
Concentration:	0.5 to 1 mg/ml (Customization possible)
Form:	Powder/Dispersion
Product Number:	NCZAM112
CAS Number:	12058-18-3



Purity:	> 99.99%
Diameter:	0.2-5 μm , mainly concentrate in 1 μm -3 μm
Thickness:	~ 1 nm
Form:	Powder/Dispersion
Product Number:	NCZAM104
CAS Number:	1317-33-5

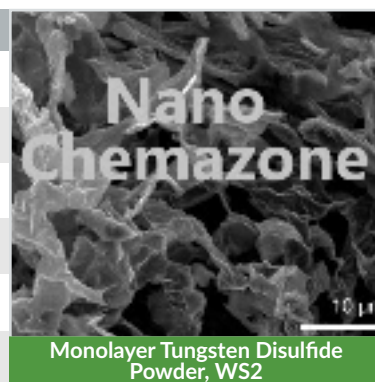
Purity:	> 99.99%
Size:	≤ 10 nm (Size Customization possible)
Concentration:	0.5 to 1 mg/ml (Customization possible)
Form:	Powder/Dispersion
Product Number:	NCZAM116
CAS Number:	12067-46-8





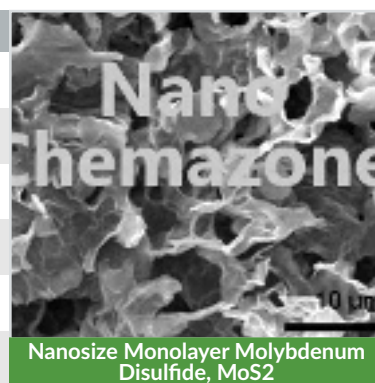
Purity:	> 99.99%
Size:	≤ 10 nm (Size Customization possible)
Concentration:	0.5 to 1 mg/ml (Customization possible)
Form:	Powder/Dispersion
Product Number:	NCZAM110
CAS Number:	12138-09-9

Purity:	> 99.99%
Diameter:	0.1 nm to 4 nm (Size Customization possible)
Thickness:	~ 1 nm
Form:	Powder/Dispersion
Product Number:	NCZAM109
CAS Number:	12138-09-9



Purity:	> 99.99%
Diameter:	20-500 nm, mainly concentrate in 100-200 nm
Thickness:	~ 1 nm
Form:	Powder/Dispersion
Product Number:	NCZAM108
CAS Number:	12138-09-9

Purity:	> 99.99%
Diameter:	20-500 nm, mainly concentrate in 100-200 nm
Thickness:	~ 1 nm
Form:	Powder/Dispersion
Product Number:	NCZAM101
CAS Number:	1317-33-5





Nb2AlC MAXene Powder

Product:	Nb2AlC MAXene
Colour:	Black Powder
Purity:	≥98 wt%
Ingredient:	Nb2AlC
Product Code:	NCZ-MX-118

Product:	Nb2C (MXene) Multilayer Nanoflakes
Colour:	Black powder
Purity:	~ 99%
MF	Nb2C
Size	50-150 nm
CAS Number:	12069-94-2



Nb2CTx MXene Multilayer Nanoflake



Nb4AlC3 MAXene Powder

Product:	Nb4AlC3 MAXene
Colour:	Black Powder
Purity:	≥98 wt%
Ingredient:	Nb4AlC3
Product Code:	NCZ-MX-117

Product:	Ta4AlC3 MAXene
Colour:	Black Powder
Purity:	≥98 wt%
Ingredient:	Ta4AlC3
Product Code:	NCZ-MX-119



Ta4AlC3 MAXene Powder



Ti2AlC Ceramic Material

Product:	Ti2AlC Ceramic Material
Product Code:	NCZ-MX-101
Colour:	Black powder
Purity:	98%
Molecular Formula:	Ti2AlC

Product:	Ti2AlC MAXene
Colour:	Black Powder
Purity:	≥98 wt%
Ingredient:	Ti2AlC
Product Code:	NCZ-MX-120



Ti2AlC MAXene Powder



Ti2AlN MAXene Powder

Product:	Ti2AlN MAXene
Colour:	Black Powder
Purity:	≥98 wt%
Ingredient:	Ti2AlN
Product Code:	NCZ-MX-121

Product:	Ti2C MXene
Colour:	Black Powder
Purity:	≥98 wt%
Ingredient:	Ti2C
Product Code:	NCZ-MX-112



Ti2C MXene Powder



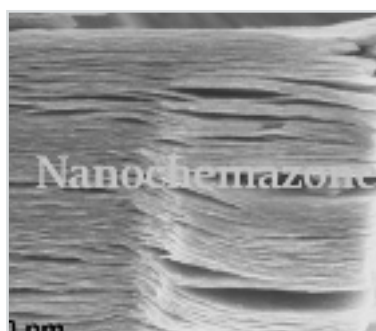
Ti3AlC2 MAXene Powder

Product:	Ti3AlC2 MAXene
Colour:	Black Powder
Purity:	≥98 wt%
Ingredient:	Ti3AlC2
Product Code:	NCZ-MX-123

Product:	Ti3AlC2
Colour:	Black Powder
Purity:	≥98 wt%
Ingredient:	Ti3AlC2
CAS Number:	196506-01-1



Ti3AlC2 MXene



Ti3C2Tx (MXene) multilayer Nanoflake

Product Code:	NCZ-MX-110
Thickness:	100-200 nm
Purity:	~98 wt%
Ingredient:	Ti3C2
CAS Number:	12316-56-2
Appearance:	Black Powder

Product:	Ti3C2Tx (MXene) thin layer dispersion
Product Code:	NCZ-MX-104-D
Colour:	Black Solution
Lateral Size:	50-150 nm
Concentrations:	2 mg/mL
Number of Layers:	1 to 5



Ti3C2Tx (MXene) Nanosize thin layer dispersion



Ti3C2Tx (MXene) Thin Layer Dispersion Solution

Product:	Ti3C2Tx (MXene) Thin Layer Dispersion Solution
Colour:	Black Solution
Lateral size:	2-5 μm
Number of layers:	1-5
Concentration:	2 mg/ml
CAS Number:	12363-89-2

Product:	Ti3C2Tx (MXene) Thin Layer Dispersion Solution
Colour:	Black Solution
Lateral size:	2-5 μm
Number of layers:	1-10
Concentration:	2.5 mg/ml
CAS Number:	12363-89-2



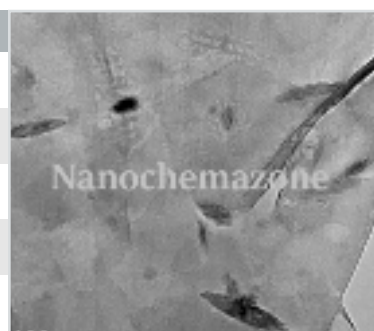
Ti3C2Tx (MXene) Thin Layer Dispersion Solution



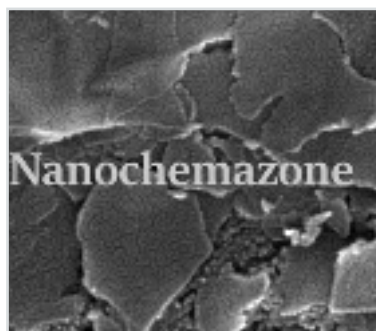
Ti3C2Tx MXene Few Layer Dispersion Solution

Product:	Ti3C2Tx (MXene) Few-Layer Dispersion Solution
Product Code:	Black Solution
Lateral size:	2-5 μm
Number of layers:	1-10
Concentration:	5mg/ml
CAS Number:	12363-89-2

MF:	Product Code: NCZ-MX-109
Colour:	Black Powder
Purity:	98 wt %
Number of layers:	1-10
Ingredient:	Ti3C2
CAS No.:	12363-89-2



Ti3C2Tx MXene Few layer Nanoflake



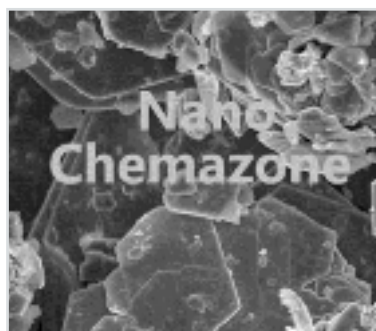
Ti3SiC2 MAXene Powder

Product:	Ti3SiC2 MAXene
Colour:	Black Powder
Purity:	≥98 wt%
Ingredient:	Ti3SiC2
Product Code:	NCZ-MX-122

Product:	Titanium carbide (Ti3C2) freestanding thin films
Colour:	Black wafer
Thickness:	5-10 μm
Diameter:	≈45 mm
Product Code:	NCZ-MX-103



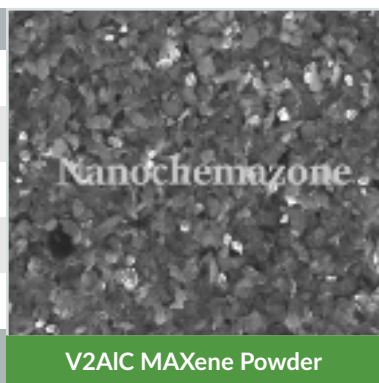
Titanium carbide (Ti3C2) MXene freestanding thin films



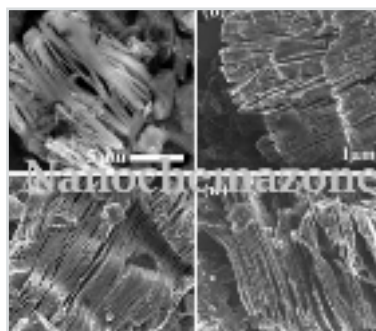
Tungsten Disulfide (WS2)

Chemical Name:	Tungsten Disulfide Powder
Purity:	> 99.99%
Diameter:	100 nm to 10 μm (Size, Diameter Customization possible)
Form:	Powder
Product Number:	NCZAM107
CAS Number:	12138-09-9

Product:	V2AlC MAXene
Colour:	Black Powder
Purity:	≥98 wt%
Ingredient:	V2AlC
Product Code:	NCZ-MX-125



V2AlC MAXene Powder



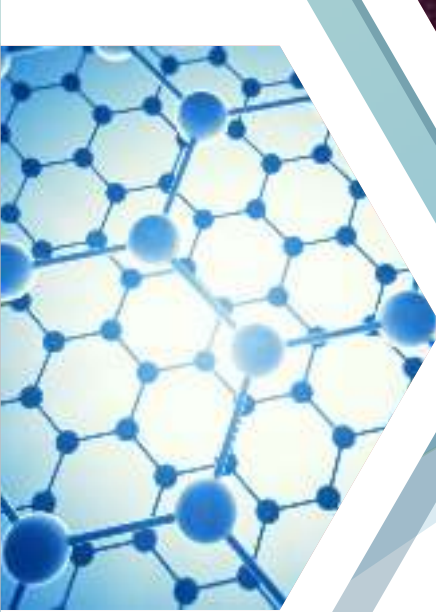
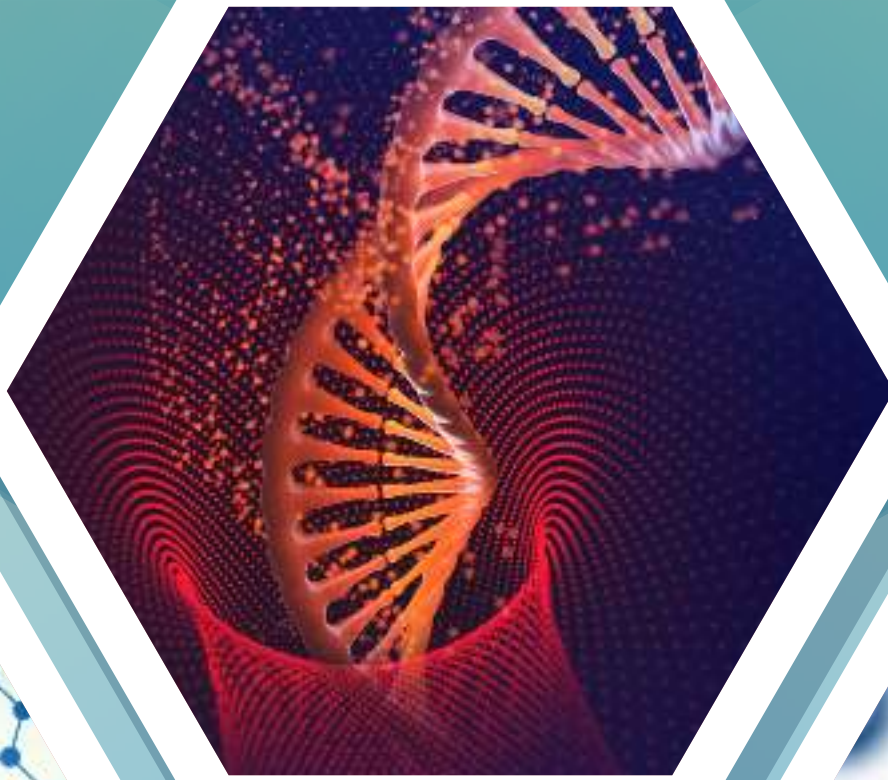
V2C MXene Powder

Product:	V2C MXene
Colour:	Black Powder
Purity:	≥98 wt%
Ingredient:	V2C
Product Code:	NCZ-MX-111

Product:	V4AlC3 MAXene
Colour:	Black Powder
Purity:	≥98 wt%
Ingredient:	V4AlC3
Product Code:	NCZ-MX-126

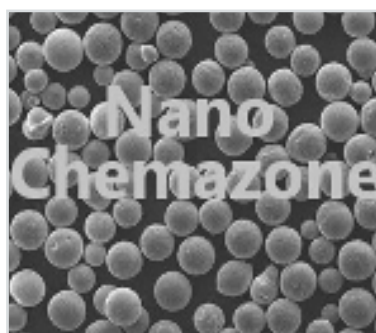


V4AlC3 MAXene Powder



ALLOY POWDER

Nano Chemazone is a versatile manufacturer and global supplier of metal, ceramic, and carbide powders. We serve a variety of industries including oil & gas, power & energy, bio-medical, aero and industrial gas turbine, as well as emerging markets such as additive manufacturing. As a privately-held company, we are dedicated to being flexible and responsive to our customers. We feature an extensive catalogue of OEM approvals and internal manufacturing standards that are designed to increase efficiency and reduce your costs. Our inhouse technologies include inert gas atomization, composite cladding, agglomeration and sintering, plasma densification, and hydride/dehydriding.



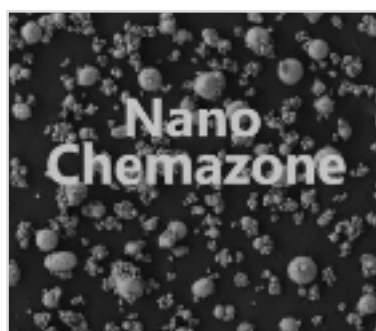
Aluminium Alloy Nanopowder

Chemical Name:	Aluminium Alloy Powder
Purity:	> 99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA101
CAS Number:	7429-90-5

Chemical Name:	Aluminum Casting Alloy Powder
Purity:	> 99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA102
CAS Number:	7429-90-5



Aluminium Casting Alloy Powder



Aluminium Magnesium Alloy Nanopowder

Chemical Name:	Aluminium Magnesium Alloy Nanopowder
Purity:	>99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA103
CAS Number:	7429-90-5 / 7439-95-4

Chemical Name:	Aluminium Nickel Alloy Powder
Purity:	>99.99%
APS:	40-50 μ m (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA104
CAS Number:	12635-27-7 / 12635-29-9



Aluminium Nickel Alloy Nanopowder



Aluminium Silicon Alloy Nanopowder

Chemical Name:	Silicon Aluminium Alloy Nanoparticles
Purity:	> 99.99%
APS:	<80 nm (Size Customization possible)
Form:	Nanopowder/Micropowder
Product Number:	NCZA131-18
CAS Number:	11145-27-0

Chemical Name:	Aluminum Manganese Alloy Nanopowder
Purity:	> 99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA105
CAS Number:	12253-13-3



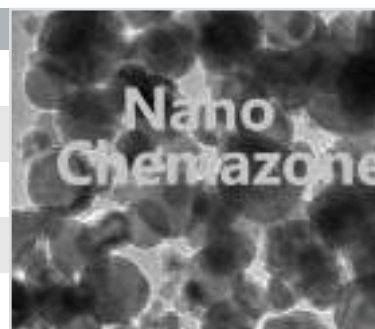
Aluminum Manganese Alloy Nanopowder



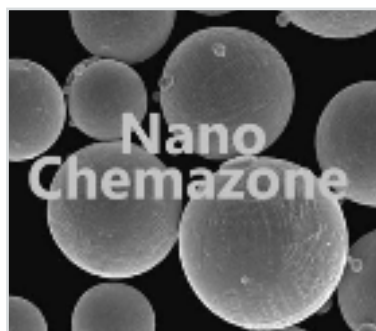
Chromium Carbide Nickel Chromium Alloy Nanopowder

Product Number:	NCZ-A-122-19
CAS Number:	12012-35-0/7440-02-0/7440-47-3
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Molecular Weight:	290.69 g/mol
Form:	Nanopowder

Product Number:	NCZ-A-114-19
Molecular Weight:	226.81 g/mol
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Color:	Grayish
Form:	Nanopowder



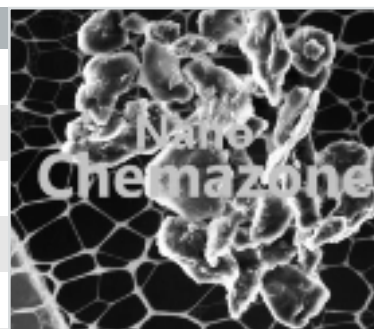
Cobalt Chromium Aluminum Yttrium Alloy Nanopowder



Cobalt Chromium Molybdenum Alloy Nanopowder

Chemical Name:	Cobalt Chromium Molybdenum Alloy Powder
Purity:	> 99.99%
APS:	<80 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA106
CAS Number:	12629-02-6

Chemical Name:	Copper Beryllium Alloy Nanopowder
Purity:	> 99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA107
CAS Number:	7440-50-8 / 7440-41-7



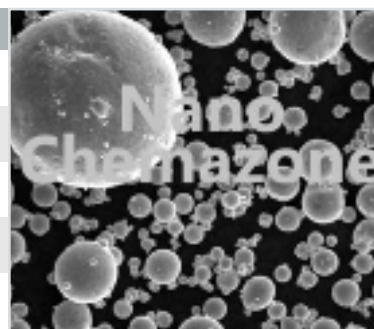
Copper Beryllium Alloy Nanopowder



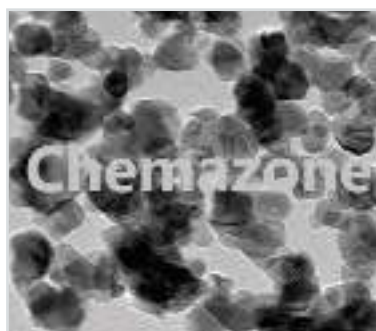
Copper Cadmium Alloy Nanopowder

Product Number:	NCZ-A-123-19
CAS Number:	7440-50-8/7440-43-9
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Molecular Weight:	175.95 g/mol
Form:	Nanopowder

Chemical Name:	Copper Chromium Alloy Nanopowder
Purity:	> 99.99%
APS:	40-80 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA108
CAS Number:	7440-50-8 / 7440-47-3



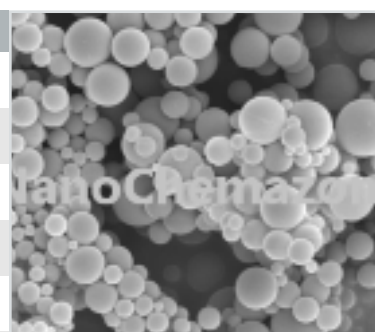
Copper Chromium Alloy Nanopowder



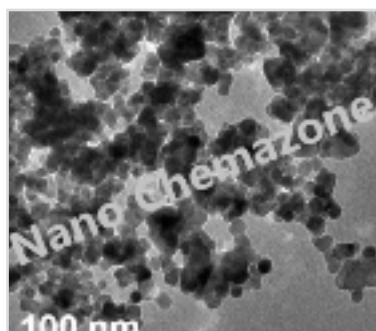
Copper Indium Alloy Nanopowder

Product Formula:	Cu: In
Product Number:	NCZ-A-115-19
CAS Number:	7440-50-8/7440-74-6
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder

Product Formula:	Cu: In: Ga
Product Number:	NCZ-A-116-19
CAS Number:	7440-50-8/7440-74-6/7440-55-3
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder



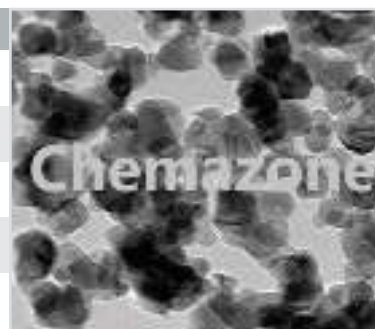
Copper Indium Gallium Alloy Nanopowder



Copper Indium Sulphur Alloy Nanopowder

Product Formula:	Cu: In: S
Product Number:	NCZ-A-117-19
CAS Number:	7440-50-8/7440-74-6/7440-34-9
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder

Product Formula:	Co: Cr
Product Number:	NCZ-A-113-19
CAS Number:	7440-48-4/7440-77-3
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder



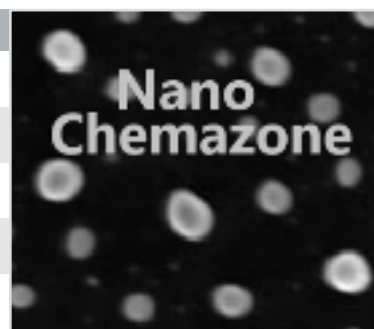
Cobalt Chromium Alloy Nanopowder



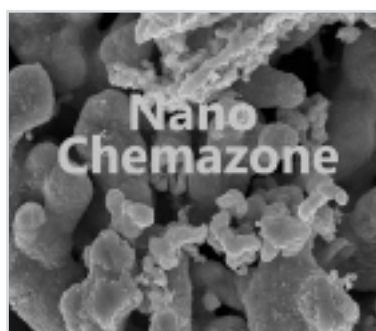
Copper Nickel Alloy Nanopowder

Chemical Name:	Copper Nickel Alloy Nanopowder
Purity:	> 99.99%
APS:	<100 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA109
CAS Number:	7440-50-8 / 7440-02-0

Chemical Name:	Copper Silver Alloy Nanoparticles
Purity:	> 99.99%
APS:	<100nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA111
CAS Number:	11144-43-7



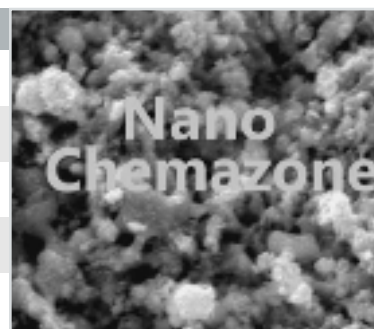
Copper Silver Alloy Nanopowder



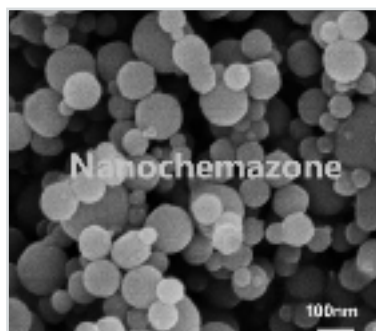
Copper Tin Alloy Nanopowder

Chemical Name:	Copper Tin Alloy Nanopowder
Purity:	> 99.99%
APS:	≤ 80 nm (can be customized)
Form:	Nanopowder
Product Number:	NCZA112
CAS Number:	7440-50-8 / 7440-31-5

Chemical Name:	Copper Zinc Alloy Nanoparticles
Purity:	> 99.99%
APS:	<80 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA113
CAS Number:	7439-89-6 / 7440-47-3 / 7440-48-4



Copper Zinc Alloy Nanoparticles



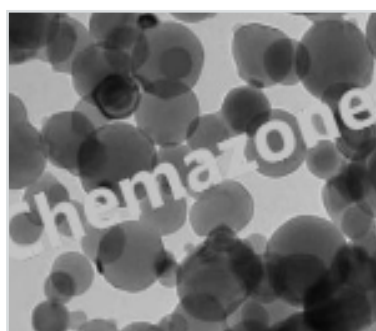
Copper Zirconium Alloy Nanopowder

Product Number:	NCZ-A-124-19
CAS Number:	7440-50-8/7440-67-7
Molecular Weight:	154.77 g/mol
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder

Chemical Name:	Devarda Alloy Powder
Purity:	> 99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA114
CAS Number:	8049-11-4



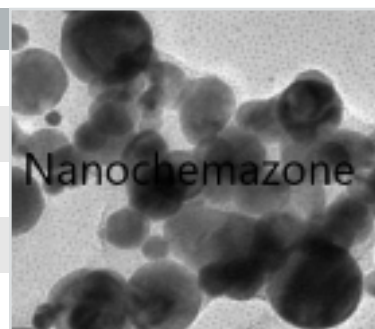
Devarda Alloy Powder



Gold Copper Alloy Nanopowder

Product Number:	NCZ-A-126-19
CAS Number:	7440-57-5/7440-50-8
Molecular Weight:	260.51 g/mol
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder

Product Number:	NCZ-A-127-19
CAS Number:	7440-57-5/7440-31-5
Molecular Weight:	315.67 g/mol
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder



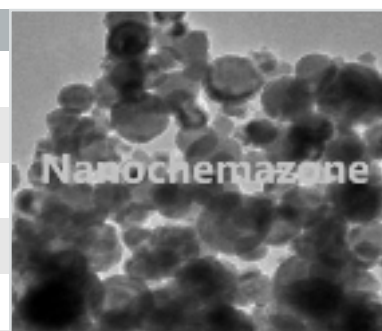
Gold Tin Alloy Nanopowder



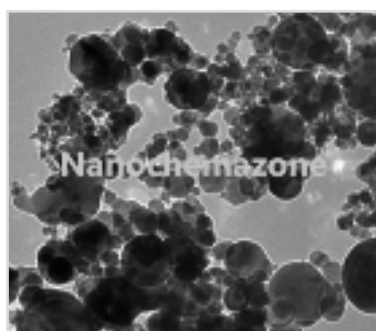
Gallium Tin Alloy Nanopowder

Product Formula:	Ga: Sn
Product Number:	NCZ-A-125-19
CAS Number:	188.43 g/mol
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder

Product Number:	NCZ-A-128-19
Molecular Weight:	184.54 g/mol
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Color:	Silver Gray
Form:	Nanopowder



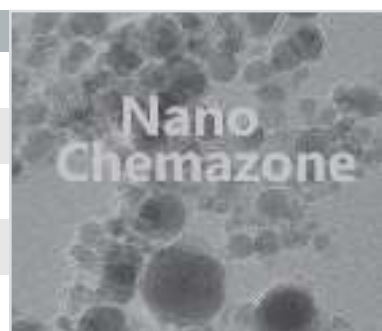
Indium Gallium Alloy Nanopowder



Iron Boron Alloy Nanopowder

Product Number:	NCZ-A-129-19
CAS Number:	7439-89-6/7440-42-8
Molecular Weight:	66.65 g/mol
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder

Chemical Name:	Iron Chromium Cobalt Magnet Nanopowder
Purity:	> 99.99%
APS:	<80 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA117
CAS Number:	7439-89-6 / 7440-47-3 / 7440-48-4



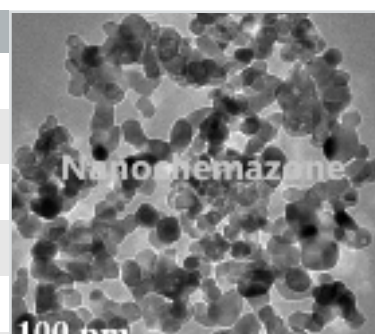
Iron Chromium Cobalt Magnet Nanopowder



INCONEL 625 Nickel Alloy Nanopowder

Chemical Name:	INCONEL 625 Nickel Alloy Nanopowder
Purity:	> 99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA115
CAS Number:	7440-02-0 / 7440-47-3

Product Number:	NCZ-A-130-19
CAS Number:	7439-89-6/7439-98-7
Molecular Weight:	151.785 g/mol
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder



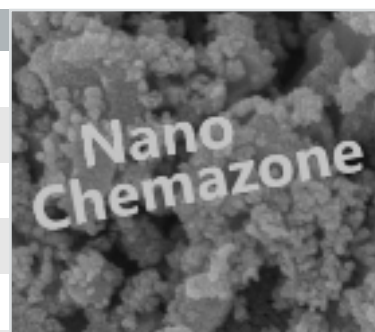
Iron Molybdenum Alloy Nanopowder



Iron Nickel Alloy Nanopowder

Chemical Name:	Iron Nickel Alloy Nanopowder
Purity:	> 99.99%
APS:	<80 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA129
CAS Number:	7439-89-6 / 7440-02-0

Chemical Name:	Iron Nickel Cobalt Alloy Nanopowder
Purity:	> 99.99%
APS:	<80 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA118
CAS Number:	7439-89-6 / 7440-02-0 / 7440-48-4



Iron Nickel Cobalt Alloy Nanopowder



Iron Niobium Alloy Nanopowder

Product Number:	NCZ-A-131-19
CAS Number:	7439-89-6/7440-03-1
Molecular Weight:	148.75 g/mol
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder

Chemical Name:	Iron Pyrite Alloy Nanopowder
Purity:	> 99.99%
APS:	30-45 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA119
CAS Number:	12068-85-8



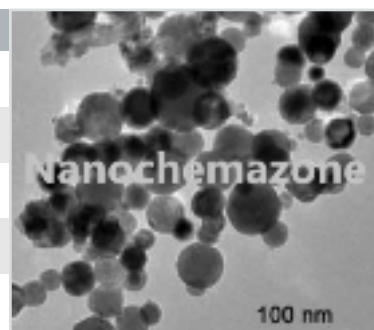
Iron Pyrite Alloy Nanopowder



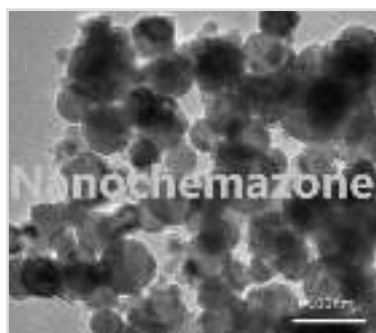
Iron Silicon Alloy Nanopowder

Chemical Name:	Iron Silicon Alloy Nanopowder
Purity:	> 99.99%
APS:	<80 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA120
CAS Number:	8049-17-0

Product Number:	NCZ-A-132-19
CAS Number:	7439-89-6/7440-32-6
Molecular Weight:	103.712 g/mol
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder



Iron Titanium Alloy Nanopowder



Iron Tungsten Alloy Nanopowder

Product Number:	NCZ-A-133-19
CAS Number:	7439-89-6/7440-33-7
Molecular Weight:	239.68 g/mol
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder

Product Number:	NCZ-A-134-19
CAS Number:	7439-89-6/7440-62-2
Molecular Weight:	106.786 g/mol
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder



Iron Vanadium Alloy Nanopowder



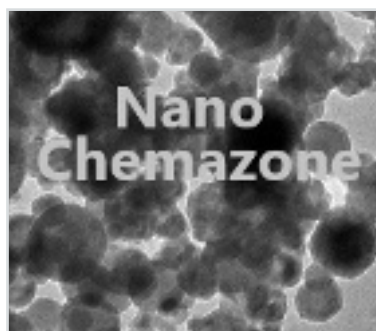
Lanthanum Iron Palladium Alloy Nanopowder

Chemical Name:	Lanthanum Iron Palladium Alloy Nanopowder
Purity:	> 99.99%
APS:	<80 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA121
CAS Number:	7439-91-0 / 7439-89-0 / 7440-05-3

Chemical Name:	Lanthanum Nickel Alloy Nanopowder
Purity:	> 99.99%
APS:	<80nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA122
CAS Number:	7439-91-0 / 7440-02-0



Lanthanum Nickel Alloy Nanopowder



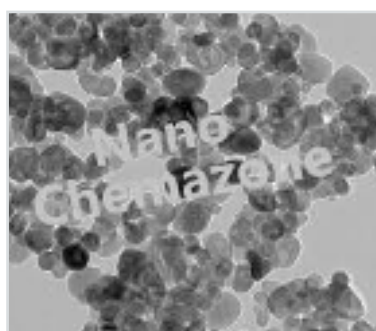
Magnesium Calcium Alloy Powder

Chemical Name:	Magnesium Calcium Alloy Powder
Purity:	> 99.99%
APS:	10-50 μm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA123
CAS Number:	7439-95-4 / 7440-70-2

Chemical Name:	Manganese Zinc Alloy Nanopowder
Purity:	> 99.99%
APS:	<80 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA124
CAS Number:	7439-96-5 / 7440-66-6



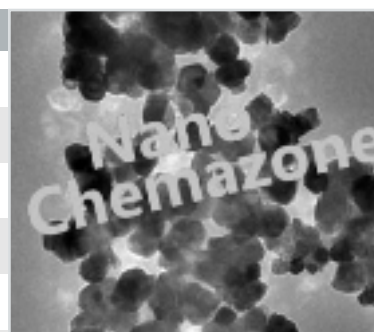
Manganese Zinc Alloy Nanopowder



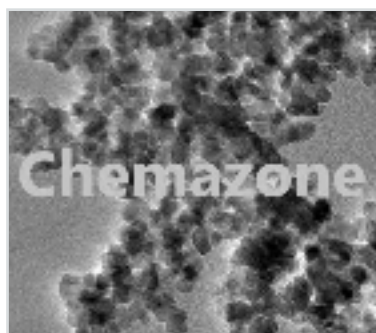
Neodymium Iron Boron Nanoparticles

Chemical Name:	Neodymium Iron Boron Nanoparticles
Purity:	> 99.99%
APS:	<100 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA125
CAS Number:	918106-59-9

Product Number:	NCZ-A-118-19
CAS Number:	7440-02-0/7440-47-3
Molecular Weight:	110.68 g/mol
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder



Nickel Chromium Alloy Nanopowder



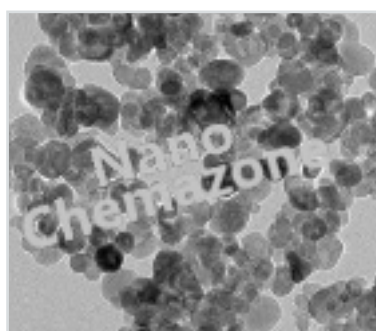
Nickel Chromium Aluminum Yttrium Alloy Nanopowder

Product Formula:	Ni: Cr: Al: Y
Product Number:	NCZ-A-119-19
Molecular Weight:	226.81 g/mol
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder

Chemical Name:	Nickel Chromium Cobalt Alloy Nanoparticles
Purity:	> 99.99%
APS:	<80 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA126
CAS Number:	7440-02-0 / 7440-47-3 / 7440-48-4



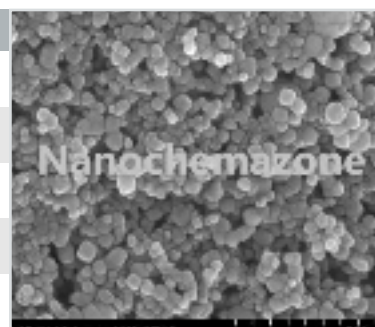
Nickel Chromium Cobalt Alloy Nanopowder



Nickel Cobalt Chromium Aluminum Yttrium Alloy Nanopowder

Product Formula:	Ni: Co: Cr: Al: Y
Product Number:	NCZ-A-120-19
Molecular Weight:	285.51 g/mol
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder

Product Number:	NCZ-A-135-19
CAS Number:	7440-02-0/7440-44-0
Molecular Weight:	70.70 g/mol
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder



Nickel Graphite Alloy Nanopowder



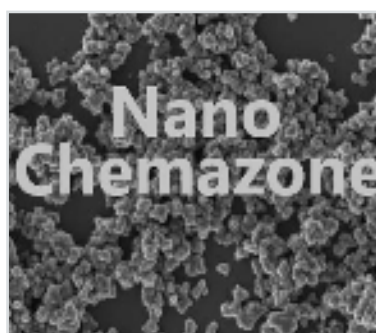
Nickel Titanium Alloy Nanoparticles

Chemical Name:	Nickel Titanium Alloy nanoparticle
Purity:	> 99.99%
APS:	80-150 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA127
CAS Number:	7440-02-0 / 7440-32-6

Chemical Name:	Nickel Zinc Iron Oxide Alloy Powder
Purity:	> 99.99%
APS:	10-30 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA128
CAS Number:	12645-50-0



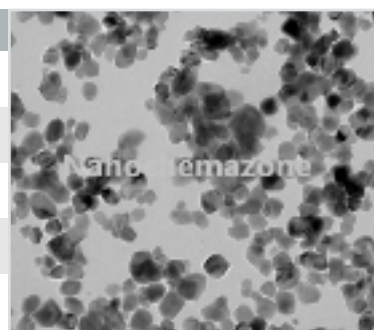
Nickel Zinc Iron Oxide Alloy Powder



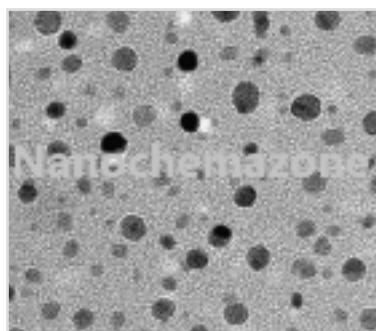
Palladium Silver Alloy Nanopowder

Chemical Name:	Palladium Silver Alloy Nanopowder
Purity:	> 99.99%
APS:	≤ 80 nm (can be customized)
Form:	Nanopowder
Product Number:	NCZA130
CAS Number:	7440-05-3 / 7440-22-4

Product Number:	NCZ-A-136-19
CAS Number:	7440-06-4/7440-53-1
Molecular Weight:	347.04 g/mol
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder



Platinum Europium Alloy Nanopowder



Platinum Iridium Alloy Nanopowder

Product Number:	NCZ-A-137-19
CAS Number:	7440-06-4/7439-88-5
Molecular Weight:	387.29 g/mol
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder

Chemical Name:	Silicon Aluminium Alloy Nanoparticles
Purity:	> 99.99%
APS:	<80 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA131
CAS Number:	11145-27-0



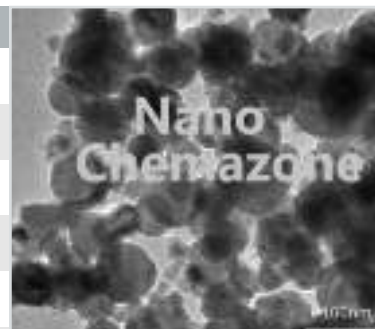
Silicon Aluminium Alloy Nanopowder



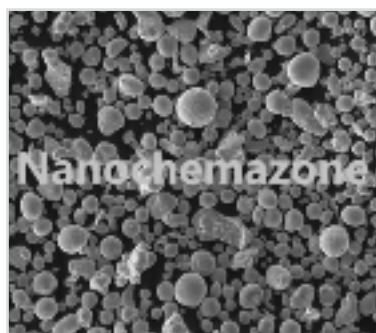
Silver Aluminum Alloy Nanopowder

Product Formula:	Ag: Al
Product Number:	NCZ-A-150-19
CAS Number:	7440-22-4/7429-90-5
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder

Chemical Name:	Silver Copper Alloy Nanoparticles
Purity:	> 99.99%
APS:	<80 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA133
CAS Number:	7440-22-4 / 7440-50-8



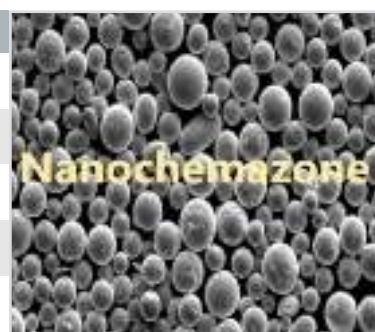
Silver Copper Alloy Nanoparticles



Stainless Steel 316 Alloy
Nanoparticles/Nanopowder

Product Formula:	Stainless Steel 316L
Product Number:	NCZ-A-141-19
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Color:	Gray
Form:	Nanopowder

Product Formula:	Stainless Steel 430L
Product Number:	NCZ-A-142-19
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Color:	Gray
Form:	Nanopowder



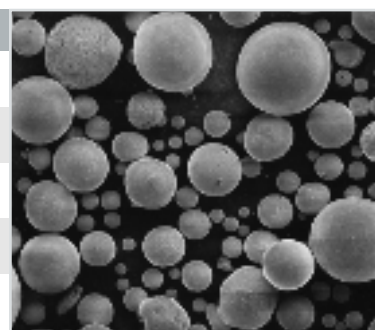
Stainless Steel 430 Alloy
Nanoparticles/Nanopowder



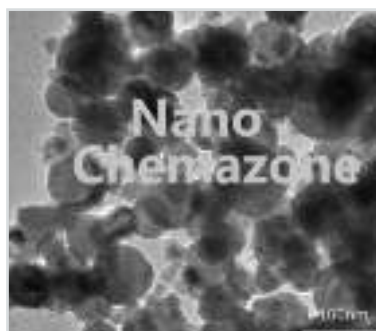
Stainless Steel Alloy
Nanoparticles/Nanopowder

Product Formula:	Stainless Steel 304L
Product Number:	NCZ-A-140-19
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Color:	Gray
Form:	Nanopowder

Product Formula:	Cr 18-20: Ni9-13: Si<1: Mn<0.3: C≤0.08
Product Number:	NCZ-A-121-19
APS:	10 Micron (can be customized)
Purity:	99.9%
Color:	Gray
Form:	Powder



Stainless Steel Nanopowder



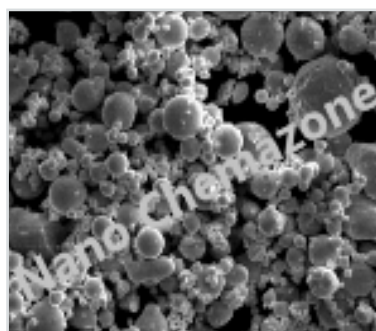
Silver Copper Alloy Nanopowder

Product Number:	NCZ-A-111-19
CAS Number:	7440-22-4/7440-50-8
Molecular Weight:	171.41 g/mol
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder

Product Number:	NCZ-A-138-19
CAS Number:	7440-22-4/7440-02-0
Molecular Weight:	166.56 g/mol
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder



Silver Nickel Alloy Nanopowder



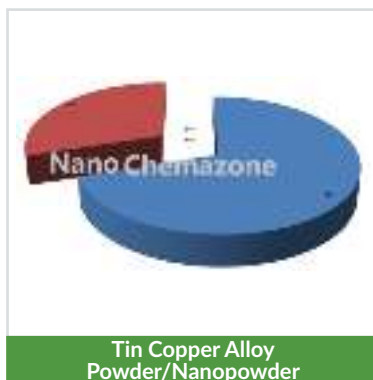
Silver Tin Alloy Nanopowder

Product Formula:	Ag: Sn
Product Number:	NCZ-A-112-19
CAS Number:	7440-22-4/7440-31-5
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder

Product Number:	NCZ-A-139-19
CAS Number:	7440-22-4/7440-67-7
Molecular Weight:	199.09 g/mol
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder

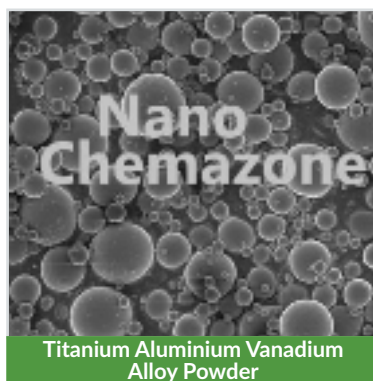


Silver Zirconium Alloy Nanopowder



Chemical Name:	Tin Copper Alloy Nanopowder
Purity:	> 99.99%
APS:	≤ 80 nm (can be customized)
Form:	Nanopowder
Product Number:	NCZA134
CAS Number:	7440-31-5 / 7440-50-8

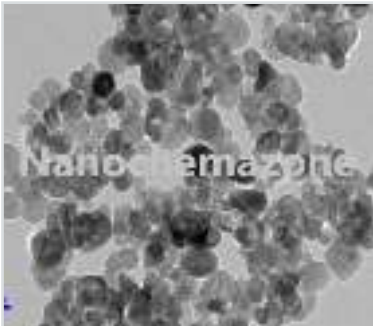
Chemical Name:	Tin Lead Alloy Nanoparticles
Purity:	> 99.99%
APS:	≤ 80 nm (can be customized)
Form:	Nanopowder
Product Number:	NCZA135
CAS Number:	7440-31-5 / 7439-92-1

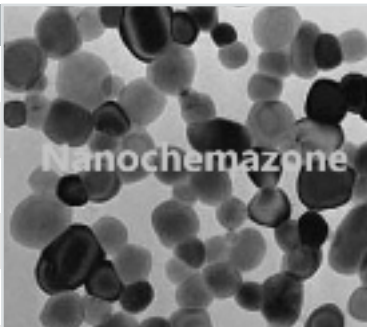


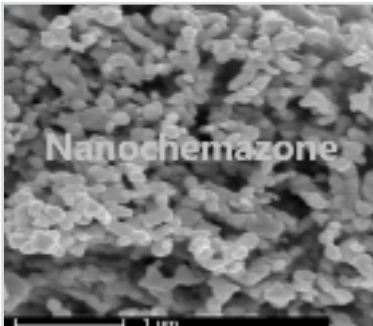
Chemical Name:	NCZ-A-140-19
Purity:	≤ 80 nm (can be customized)
APS:	99.9%
Form:	Gray
Product Number:	Nanopowder
CAS Number:	7429-32-6 / 7429-90-5 / 7440-62-2


Product Formula:	TiC: WC
Product Number:	NCZ-A-143-19
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Color:	Gray
Form:	Nanopowder

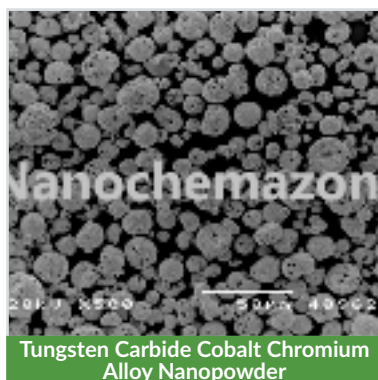


	Product Formula:	Ti: NbC
	Product Number:	NCZ-A-144-19
	CAS Number:	7440-32-6/12069-94-2
	APS:	≤ 80 nm (can be customized)
	Purity:	99.9%
	Form:	Nanopowder
Titanium Niobium Carbide Alloy Nanopowder		

Product Formula:	Ti: TaC: WC	
Product Number:	NCZ-A-145-19	
CAS Number:	7440-32-6/12070-06-31/12070-12-1	
APS:	≤ 80 nm (can be customized)	
Purity:	99.9%	
Form:	Nanopowder	
		Titanium Tantalum Carbide Tungsten Carbide Alloy Nanopowder

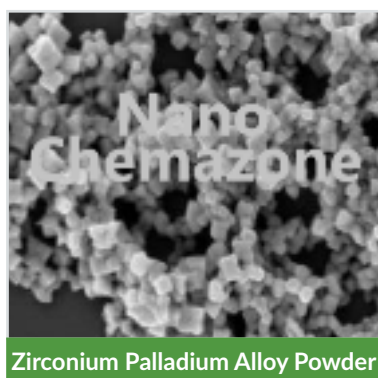
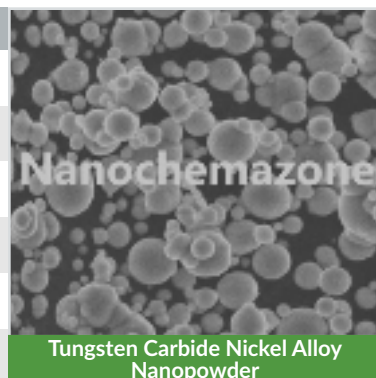
	Product Formula:	WC: CrC: Ni
	Product Number:	NCZ-A-146-19
	CAS Number:	12070-12-1/12012-35-0/7440-02-0
	APS:	≤ 80 nm (can be customized)
	Purity:	99.9%
	Form:	Nanopowder
Titanium Aluminium Vanadium Alloy Powder		

Product Formula:	WC: Co	
Product Number:	NCZ-A-147-19	
CAS Number:	12070-12-1/7440-48-4	
APS:	≤ 80 nm (can be customized)	
Purity:	99.9%	
Form:	Nanopowder	
		Tungsten Carbide Cobalt Alloy Nanopowder



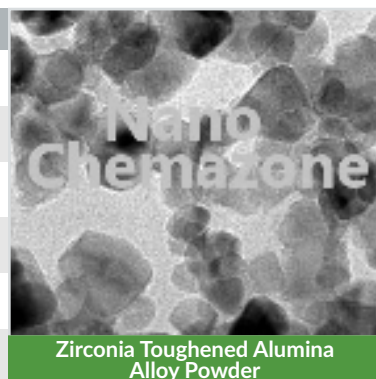
Product Formula:	WC: Co: Cr
Product Number:	NCZ-A-148-19
CAS Number:	12070-12-1/7440-48-4/7440-47-3
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder

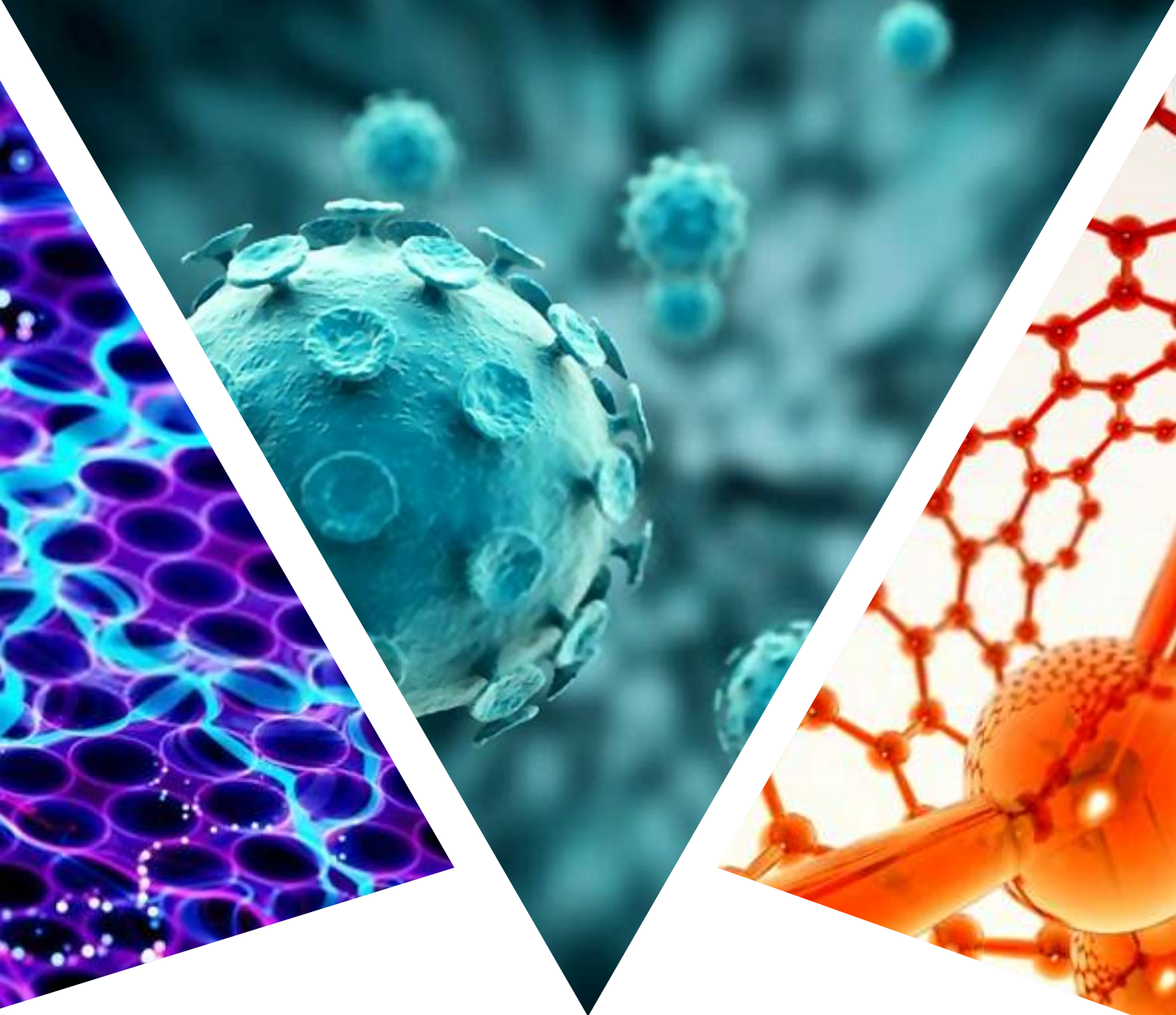
Product Formula:	WC: Ni
Product Number:	NCZ-A-149-19
CAS Number:	12070-12-1/7440-02-0
APS:	≤ 80 nm (can be customized)
Purity:	99.9%
Form:	Nanopowder



Chemical Name:	Zirconium Palladium Alloy Powder
Purity:	> 99.99%
APS:	40-50 μm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZA140
CAS Number:	7440-67-7 / 7440-05-3

Chemical Name:	Zirconia Toughened Alumina Alloy Powder
Purity:	> 99.99%
APS:	15 μm (Size Customization possible)
Form:	Powder
Product Number:	NCZA139
CAS Number:	1314-23-4 / 1344-28-1





CORE SHELL NANO & MICRO STRUCTURES

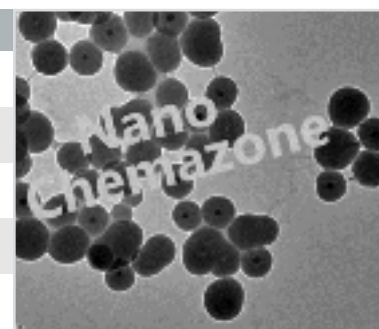
Core-shell type nanoparticles are a type of biphasic materials which have an inner core structure and an outer shell made of different components. These particles have been of interest as they can exhibit unique properties arising from the combination of core and shell material, geometry, and design. Additionally, they have been designed so that the shell material can improve the reactivity, thermal stability, or oxidative stability of the core material or to use an inexpensive core material to carry a thin, more-expensive shell material. Thus, they have found wide applicability in fields such as biomedicine, electrical and semiconducting materials, and catalysts.



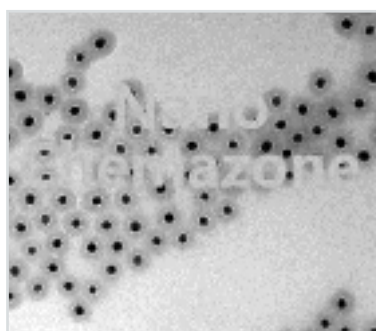
AgI Silica Core Shell Nanoparticles

MF:	AgI/SiO ₂
Chemical Name:	Silver Iodide Silica Core Shell Nanoparticles
Purity:	> 99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS101-19

Chemical Name:	Aluminium Silicon Oxide Core-Shell Nanoparticles
Purity:	> 99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS101
CAS Number:	7429-90-5 / 7631-86-9



Aluminium Silicon Oxide Core Shell Nanoparticles



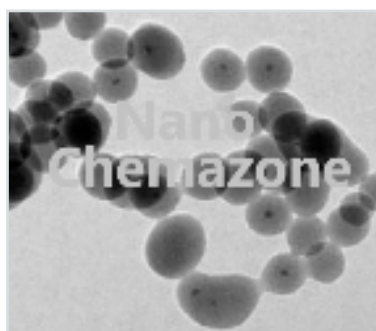
Au TiO₂ Core Shell Nanoparticles

Chemical Name:	Gold Titanium Oxide Core-Shell Nanoparticles
Purity:	>99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS118
CAS Number:	7440-57-5

MF:	CdSe:CdS /SiO ₂
Chemical Name:	Cadmium Selenide Cadmium Sulfur Silica Core Shell Nanoparticles
Purity:	>99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS102



Cadmium Selenide Cadmium Sulfur Silica Core Shell Nanoparticles



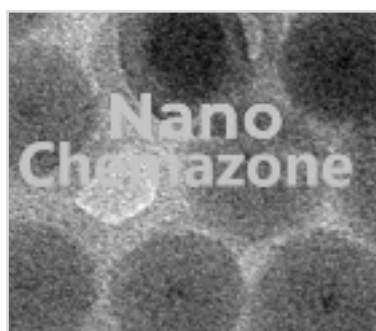
Cadmium Selenide Silica Core Shell Nanoparticles

MF:	CdSe/SiO ₂
Chemical Name:	Cadmium Selenide Silica Core Shell Nanoparticles
Purity:	> 99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS103

MF:	CdSe/ZnS /SiO ₂
Chemical Name:	Cadmium Selenide Zinc Sulfur Silica Core Shell Nanoparticles
Purity:	>99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS104



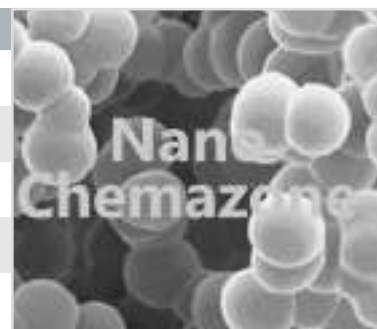
Cadmium Selenide Zinc Sulfur Silica Core Shell Nanoparticles



Cadmium Sulfur Silica Core Shell Nanoparticles

MF:	CdS/SiO ₂
Chemical Name:	Cadmium Sulfur Silica Core-Shell Nanoparticles
Purity:	>99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS105

MF:	CaCo ₃ /SiO ₂
Chemical Name:	Calcium Carbonate Silica Core Shell Nanoparticles
Purity:	>99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS107



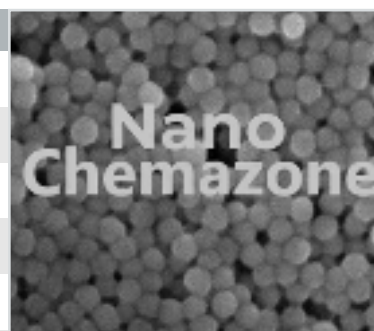
Calcium Carbonate Silica Core Shell Nanoparticles



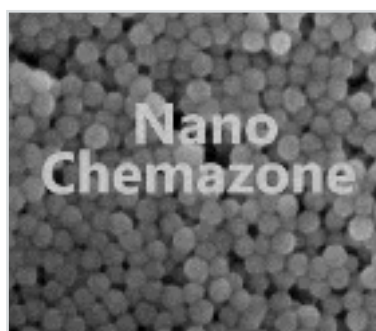
CdTe SiO₂ Core Shell Nanoparticles

MF:	CdTe/SiO ₂
Chemical Name:	Cadmium Selenide Silica Core Shell Nanoparticles
Purity:	> 99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS106

Chemical Name:	Cobalt Silica Core Shell Nanoparticles
Purity:	>99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS108
CAS Number:	7440-48-4 /7631-86-9



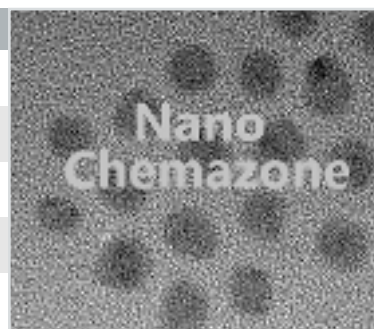
Cobalt Silica Core Shell Nanoparticles



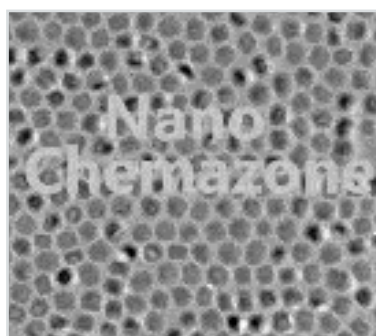
Copper Silica core/shell Nanoparticles

Chemical Name:	Copper Silica Core-Shell Nanoparticles
Purity:	>99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS109
CAS Number:	7440-50-8/7631-86-9

Chemical Name:	Gold Cadmium Selenium Core Shell Nanoparticles
Purity:	>99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS110
CAS Number:	7440-57-5



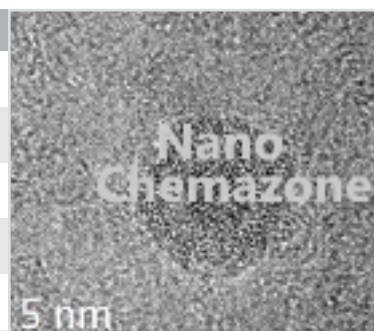
Gold Cadmium Selenium Core Shell Nanoparticles



Gold Cobalt Core Shell Nanoparticles

Chemical Name:	Gold Cobalt Core Shell Nanoparticles
Purity:	> 99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS111
CAS Number:	7440-57-5

Chemical Name:	Gold Copper Iodide Core Shell Nanoparticles
Purity:	>99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS112
CAS Number:	7440-57-5



Gold Copper Iodide Core Shell Nanoparticles



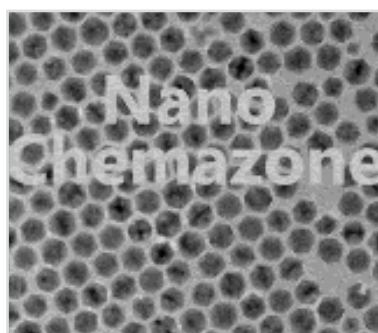
Gold Iron Oxide Core Shell Nanoparticles

Chemical Name:	Gold Iron Oxide Core Shell Nanoparticles
Purity:	>99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS113
CAS Number:	7440-57-5

Chemical Name:	Gold Palladium Core Shell Nanoparticles
Purity:	>99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS117
CAS Number:	7440-57-5



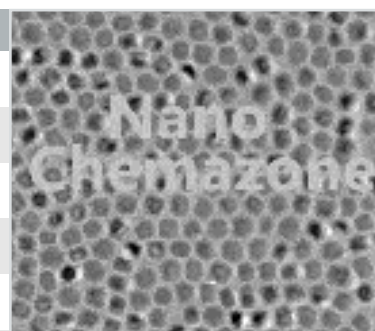
Gold Palladium Core Shell Nanoparticles



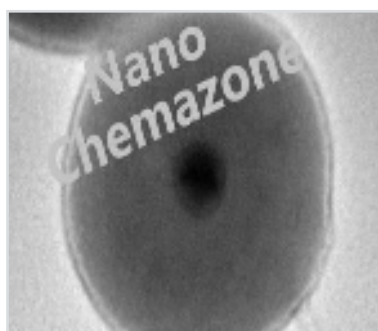
Gold Platinum Core Shell Nanoparticles

Chemical Name:	Gold Platinum Core-Shell Nanoparticles
Purity:	> 99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS114
CAS Number:	7440-57-5

Chemical Name:	Gold Silicon Oxide Core-Shell Nanoparticles
Purity:	>99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS115
CAS Number:	7440-57-5 / 7631-86-9



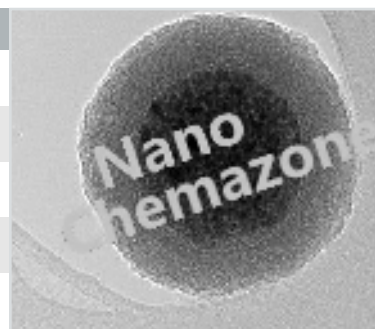
Gold Silicon Oxide Core-Shell Nanoparticles



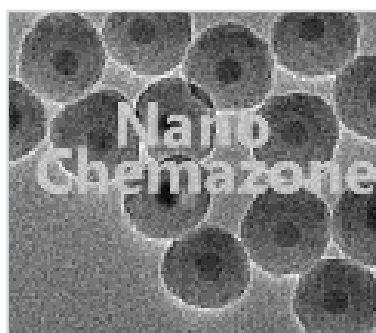
Gold Iron Oxide Core Shell Nanoparticles

Chemical Name:	Gold Silver Core-Shell Nanoparticles
Purity:	>99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS116
CAS Number:	7440-57-5

MF:	FeNi/SiO ₂
Chemical Name:	Iron Nickel Silica Core Shell Nanoparticles
Purity:	>99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS119



Iron Nickel Silica Core Shell Nanoparticles



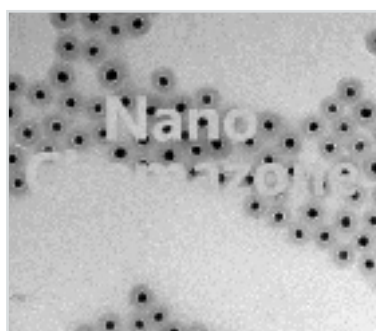
Iron Oxide Silica Core Shell Nanoparticles

Chemical Name:	Iron Oxide Silica Core Shell Nanoparticles
Purity:	> 99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS120
CAS Number:	7439-89-6/7631-86-9

Chemical Name:	Iron Oxide Silicon Dioxide Titanium Oxide Core Shell
Purity:	>99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS121
CAS Number:	1309-37-1



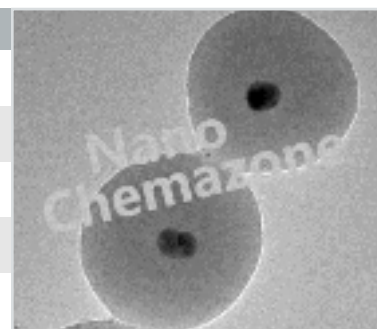
Iron Oxide Silicon Dioxide Titanium Oxide Core Shell



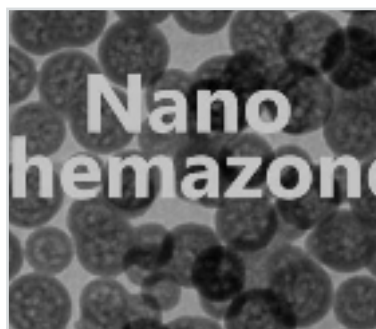
Nickel Silica Core Shell Nanoparticles

Chemical Name:	Nickel Silica Core Shell Nanoparticles
Purity:	>99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS122
CAS Number:	7440-02-0 / 7631-86-9

Chemical Name:	Silver Silica Core-Shell Nanoparticles
Purity:	>99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS124
CAS Number:	7440-22-4 / 7631-86-9



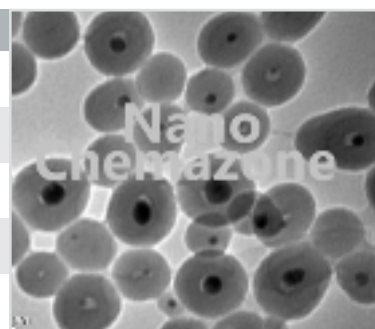
Silver Silica Core Shell Nanoparticles



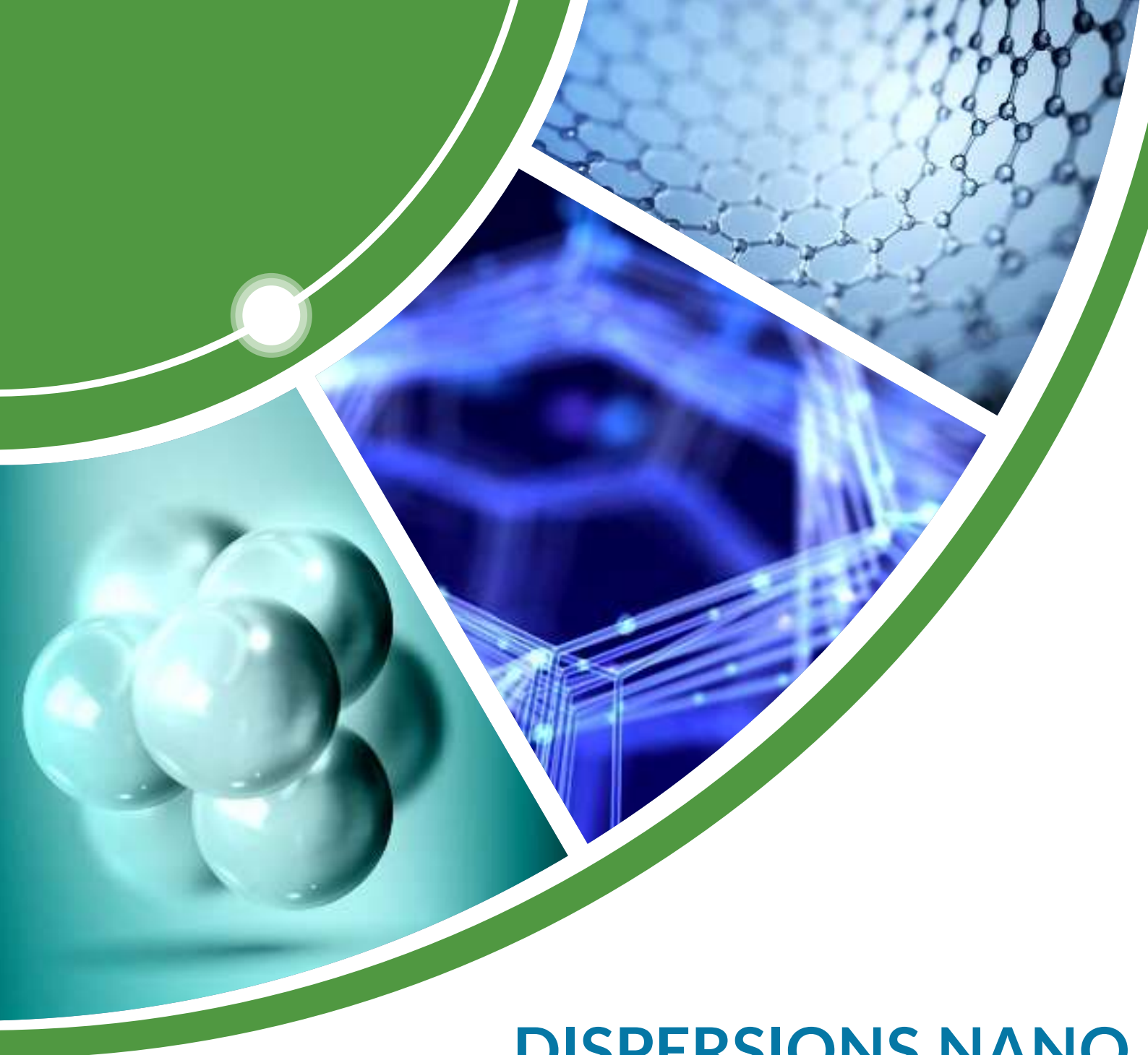
Zinc sulfur Manganese Silica
Core Shell Nanoparticles

MF:	ZnS:Mn/SiO ₂
Chemical Name:	Zinc sulfur Manganese Silica Core Shell Nanoparticles
Purity:	>99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS126

MF:	ZnO/SiO ₂
Chemical Name:	Zinc Oxide Silica Core-Shell Nanoparticles
Purity:	>99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanopowder/Nanodispersion
Product Number:	NCZCS125

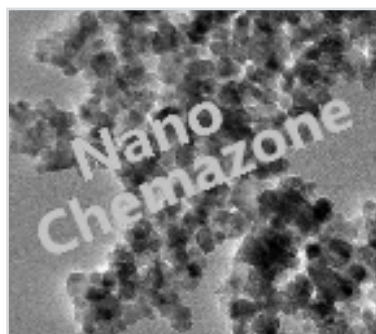


ZnO SiO₂ Core Shell
Nanoparticles



DISPERSIONS NANO & MICRO

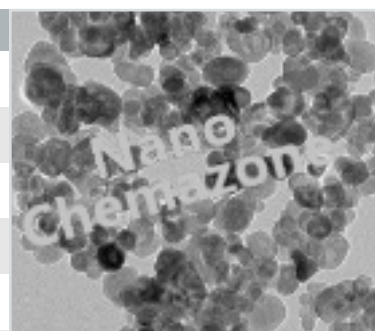
The objective of the study was to characterise the aqueous dispersions of ritonavir melt extrudates. More specifically to look into the particular system formed when melt extrudate of a poorly soluble drug dissolved in a hydrophilic polymer matrix containing a surfactant is dispersed in an aqueous medium. Melt extrudates with and without ritonavir were studied. The drug containing extrudate was confirmed to be molecular dispersions of drug in a polymer/surfactant matrix.



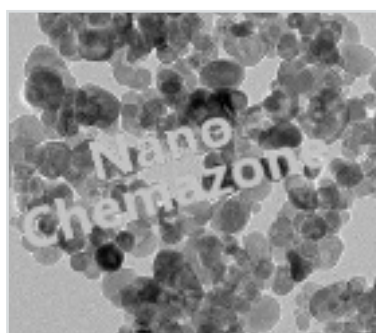
Antimony Tin Oxide Dispersion

Chemical Name:	Antimony Tin Oxide Dispersion
Purity:	>99.99%
APS:	20-80 nm (Size Customization possible)
Form:	Nano dispersion
Product Number:	NCZD1501
CAS Number:	128221-48-7

Chemical Name:	Nano Alumina Dispersion
Purity:	> 99.99%
APS:	15-30 nm (Size Customization possible)
Form:	Nanodispersion
Product Number:	NCZD1301
CAS Number:	1344-28-1



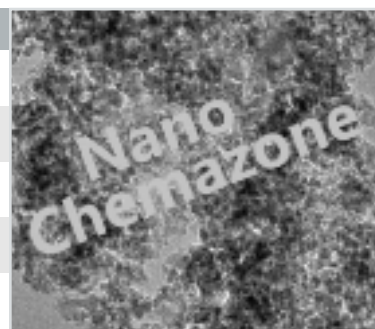
Alumina Dispersion



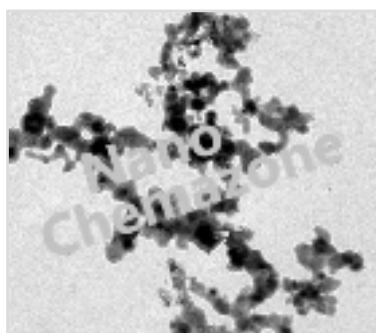
Alumina Slurry Polishing

CAS:	1344-28-1
Product Number:	NCZ-D-1501N
APS:	50-80 nm (Size Customization is possible)
Form:	Liquid
Purity	99.9%
pH value:	4-5

Chemical Name:	Aluminium Oxide Dispersion
Purity:	> 99.99%
APS:	20-30 nm (Size Customization possible)
Form:	Nanodispersion
Product Number:	NCZD1401
CAS Number:	1344-28-1



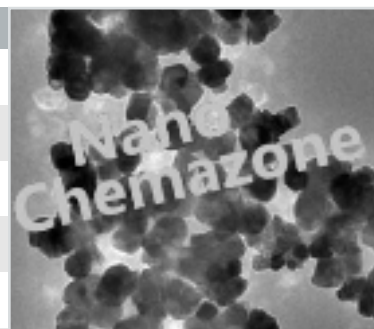
Aluminium Oxide Dispersion



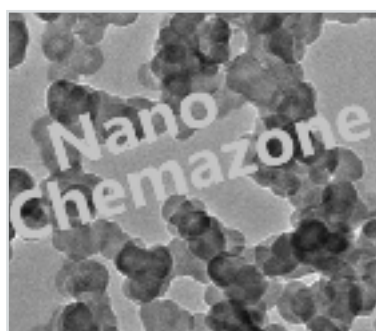
Boron Nitride Nanoparticles Dispersion

Product Number:	NCZ-D-1504N
CAS:	10043-11-5
APS:	80-100 nm (Size Customization is possible)
Purity:	99.99 %
Form:	Liquid
Density:	1.9-2.1 g/cm3

Chemical Name:	Calcium Carbonate Dispersion
Purity:	> 99.99%
APS:	< 80 nm (Size Customization possible)
Form:	Nanodispersion (Water, IPA, Ethanol)
Product Number:	NCZD301
CAS Number:	471-34-1



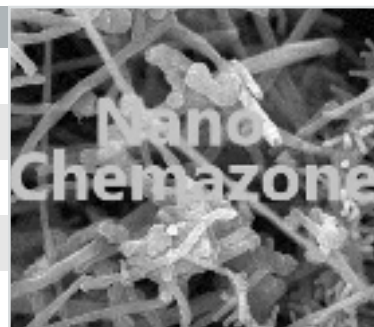
Calcium Carbonate Dispersion



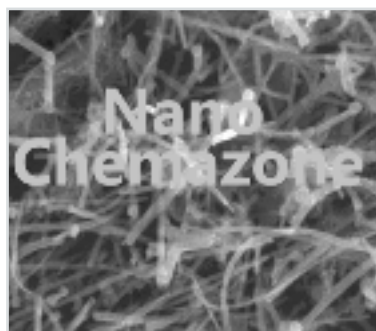
Carbon Conductive Ink

Chemical Name:	Carbon Conductive Ink
Purity:	>99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Ink
Product Number:	NCZD1601
CAS Number:	7440-44-0

Chemical Name:	Carbon nanofiber Dispersion
Purity:	>95%
APS:	500-600nm (Size Customization possible)
Form:	Dispersion
Product Number:	NCZD1702
CAS Number:	7782-42-5



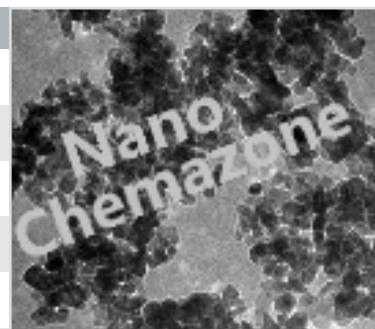
Carbon Nano Fiber Dispersion Organic Solvent



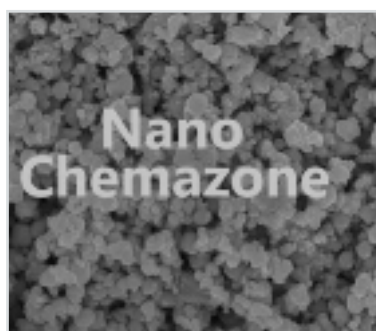
Carbon Nanofiber Dispersion in Water

Chemical Name:	Carbon Nanofiber Dispersion in Water
Purity:	>95%
APS:	500-600nm (Size Customization possible)
Form:	Dispersion
Product Number:	NCZD1701
CAS Number:	7782-42-5

Chemical Name:	Cerium Oxide Dispersion
Purity:	> 99.99%
APS:	30-50 nm (Size Customization possible)
Form:	Nano dispersion
Product Number:	NCZD1801
CAS Number:	1306-38-3



Cerium Oxide Nanoparticle Dispersion



Copper Nanoparticles Dispersion

Chemical Name:	Copper Dispersion
Purity:	>99.99%
APS:	50 nm (Size Customization possible)
Form:	Nano dispersion
Product Number:	NCZD401
CAS Number:	7440-22-4

Chemical Name:	Copper Nanoparticles ink
Purity:	>95%
APS:	< 80 nm (Size Customization possible)
Form:	Viscous liquid
Product Number:	NCZD501
CAS Number:	7440-50-8



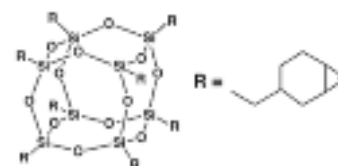
Copper Nanoparticles Ink



Copper Zinc Alloy Nano Dispersion

Product Number:	NCZ-D-1503N
CAS:	53801-63-1
APS:	50 nm (Size Customisation is Possible)
Purity:	99.99%
Form:	Liquid
Concentration:	100 ppm

MF:	$\{(C_8H_{13}O)_n(SiO_{1.5})_n\}$
Chemical Name:	Epoxycyclohexyl POSS
Purity:	> 99.99%
Form:	Semi solid
Product Number:	NCZD1901
CAS Number:	187333-74-0



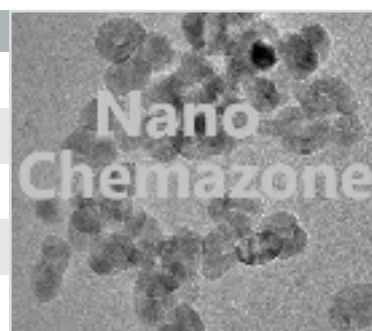
Epoxycyclohexyl POSS




Europium Doped Zinc Oxide Dispersion


CAS:	1314-13-2
Product Number:	NCZ-D-1505N
APS:	20-50 nm (Size Customization is possible)
Purity:	99.9%
Form:	Dispersion
pH value:	7.5±1.5

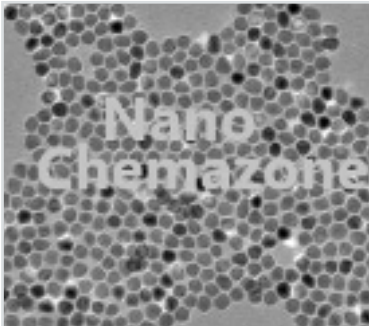
Product Number:	NCZ-D-1506N
CAS:	7440-55-3
APS:	80-100 nm (Size customization is possible)
Purity:	99.9%
Form:	Liquid
Concentration:	1 mg/ml

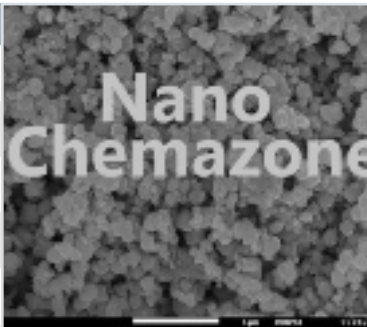


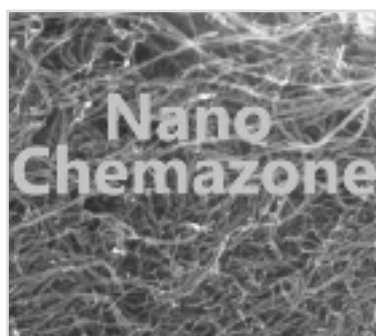
Gallium Nanoparticles Dispersion

	Chemical Name:	Gold Nanoparticles Dispersion
	Purity:	>99.99%
	APS:	<10nm (Size Customization possible)
	Form:	Nano dispersion
	Product Number:	NCZD601
	CAS Number:	7440-57-5
Gold Nanoparticles Dispersion		

Product Number:	NCZ-D-107N	
CAS:	7782-42-5	
Purity:	> 98 %	
Form:	Liquid	
Density:	~ 2.1 g/cm ³ at 20 °C	
Concentration:	1 mg/ml (Customization is possible)	
		Graphene Dispersion Organic Solvent

	Chemical Name:	Iron Oxide Dispersion
	Purity:	>99.99%
	APS:	20-100 nm (Size Customization possible)
	Form:	Nano dispersion
	Product Number:	NCZD2001
	CAS Number:	1344-28-1
Iron Oxide Nanoparticles Dispersion		

Chemical Name:	Magnesium nanoparticle Dispersion	
Purity:	> 99.99%	
APS:	80 nm (Size Customization possible)	
Form:	Nano dispersion	
Product Number:	NCZD701	
CAS Number:	7439-95-4	
		Magnesium Nanoparticle Dispersion



MWCNT Dispersion

Chemical Name:	MWCNT Dispersion
Purity:	> 99%
APS:	20-30 nm (Size Customization possible)
Form:	Dispersion
Product Number:	NCZD2101
CAS Number:	308068-56-6

Product Number:	NCZ-D-108-N
CAS:	1313-99-1
Purity:	99.9%
Form:	Liquid
PH value:	6 – 7
Concentration:	3 wt%



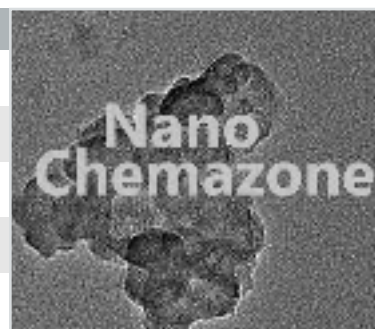
Nickel Oxide Dispersion



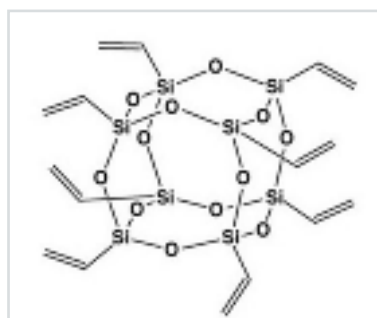
Niobium Doped Titanium Dioxide Dispersion

Product Number:	NCZ-D109-N
CAS:	13463-67-7
Purity:	99.9%
Form:	Dispersion (Also available in powder form)
PH value:	7.5±1.5
Density:	1.7 g/mL±0.1 g/mL at 25 °C

Chemical Name:	Niobium Nanoparticles Dispersion
Purity:	> 99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nano dispersion
Product Number:	NCZD801
CAS Number:	7440-03-1



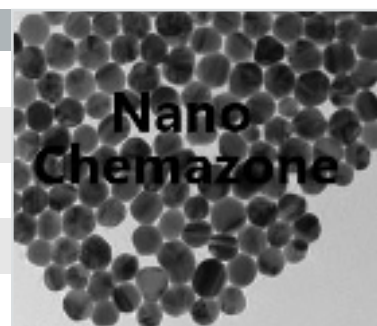
Niobium Nanopowder Dispersion with EDA Ligand



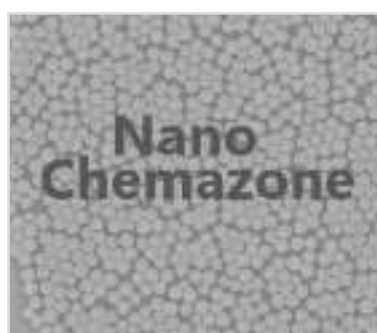
Octavinyl POSS
(Octavinyl octasilasesquioxane)

MF:	C ₁₆ H ₂₄ O ₁₂ Si ₈
Chemical Name:	Octavinyl octasilasesquioxane
Purity:	>99.99%
Form:	Nanopowder
Product Number:	NCZD2501
CAS Number:	69655-76-1

MF:	Pt
Chemical Name:	Platinum Dispersion
Purity:	> 99.99%
Form:	Nanopowder/Dispersion
Product Number:	NCZD901
CAS Number:	7440-06-4



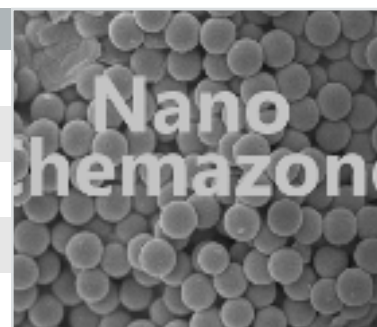
Platinum Dispersion



Silica Dispersion

MF:	SiO ₂
Chemical Name:	Silica Dispersion
Purity:	>99.99%
Form:	Nano dispersion
Product Number:	NCZD2601
CAS Number:	7631-86-9

MF:	SiO ₂
Chemical Name:	Silicon Dioxide Dispersion
Purity:	> 99.99%
Form:	Nano dispersion
Product Number:	NCZD2701
CAS Number:	7631-86-9



Silicon Dioxide Dispersion



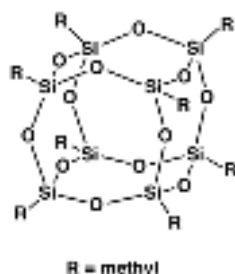
Niobium Powder with
MPS Ligand

Chemical Name:	Niobium Dispersion
Purity:	>99.99%
APS:	80-100 nm (Size Customization possible)
Form:	Nanodispersion
Product Number:	NCZD802
CAS Number:	7440-03-1

MF:	C ₂₄ H ₇₂ Cl ₈ N ₈ O ₁₂ Si ₈
Chemical Name:	Octa Ammonium POSS
Purity:	> 99.99%
Form:	Nanopowder/Dispersion
Product Number:	NCZ2201
CAS Number:	150380-11-3



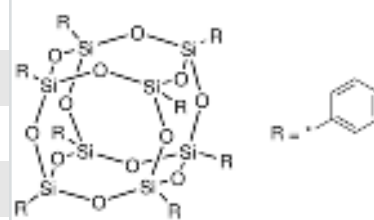
Octa Ammonium POSS



Octamethyl POSS
(Octamethylsilsesquioxane)

MF:	C ₁₆ H ₂₄ O ₁₂ Si ₈
Chemical Name:	Octamethylsilsesquioxane
Purity:	>99.99%
Form:	Nanopowder/Dispersion
Product Number:	NCZD2301
CAS Number:	17865-85-9

MF:	C ₄₈ H ₄₀ O ₁₂ Si ₈
Chemical Name:	Octaphenyl Silsesquioxane
Purity:	> 99.99%
Form:	Nanopowder/Dispersion
Product Number:	NCZD2401
CAS Number:	5256-79-1



Octaphenyl Silsesquioxane
(Octaphenyl POSS, Purity: 99.99%)



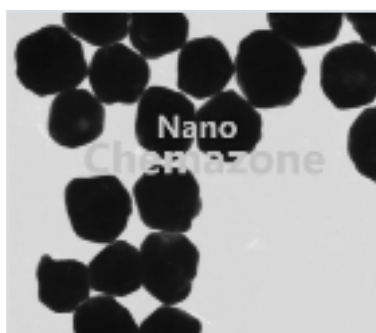
Silver Colloidal Dispersion

MF:	Ag
Chemical Name:	Silver Colloidal Dispersion
Purity:	>99.99%
Form:	Nano dispersion
Product Number:	NCZD1002
CAS Number:	7440-22-4

MF:	Ag
Chemical Name:	Silver Copper Alloy Dispersion
Purity:	>99.99%
Form:	Nano dispersion/Nanopowder/ Dried Nanoparticles
Product Number:	NCZD1003
CAS Number:	7440-22-4/7440-50-8



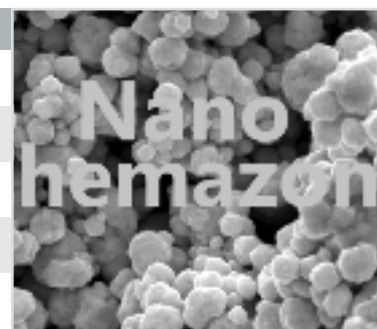
Silver Copper Alloy Dispersion



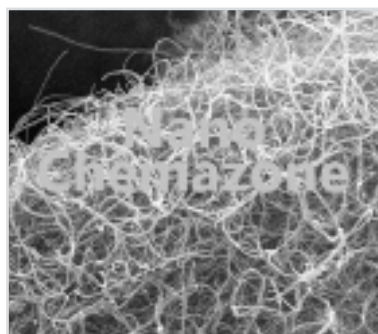
Silver Dispersion Nanoparticles

MF:	Ag
Chemical Name:	Silver Dispersion Nanoparticles
Purity:	> 99.99%
Form:	Nano dispersion
Product Number:	NCZD1001
CAS Number:	7440-22-4

MF:	Ag
Chemical Name:	Silver Nano Water Dispersion
Purity:	> 99.99%
Form:	Nano dispersion
Product Number:	NCZD1004
CAS Number:	7440-22-4



Silver Nano Water Dispersion



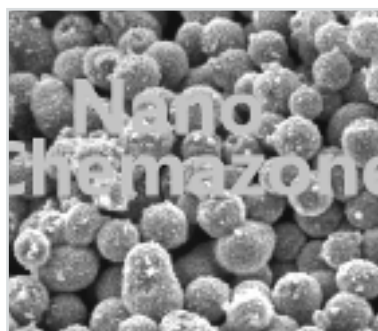
SWCNT Dispersion

MF:	SWCNT
Chemical Name:	SWCNT Dispersion
Purity:	>99.99%
Form:	Nano dispersion
Product Number:	NCZD2801
CAS Number:	308068-56-6

MF:	SWCNT
Chemical Name:	SWCNT Water Dispersion
Purity:	>99.99%
Form:	Dispersion
Product Number:	NCZD2802
CAS Number:	308068-56-6



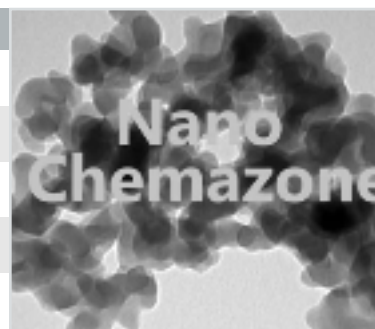
SWCNT Water Dispersion



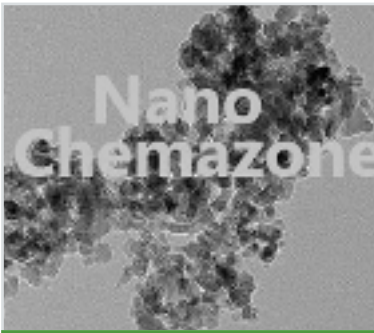
Titanium Dioxide Dispersions

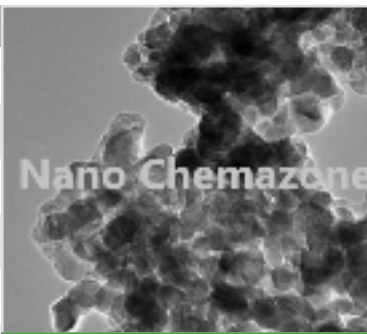
MF:	TiO ₂
Chemical Name:	Titanium Dioxide Dispersion Rutile
Purity:	> 99.99%
Form:	Nano dispersion
Product Number:	NCZD2901
CAS Number:	13463-67-7


MF:	TiO ₂
Chemical Name:	Titanium Dioxide Dispersion Anatase
Purity:	> 99.99%
Form:	Nano dispersion
Product Number:	NCZD2902
CAS Number:	13463-67-7

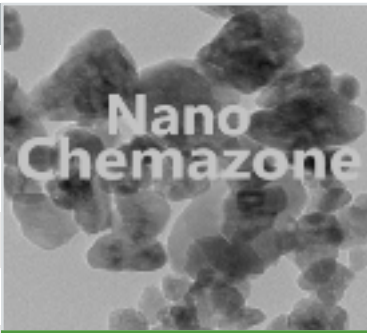



Titanium Dioxide Nanoparticles Dispersion

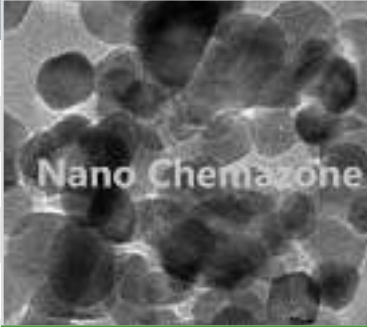
	Chemical Name:	Zinc Oxide Slurry
	Purity:	>99.99%
	APS:	50-80 nm (Size Customization possible)
	Form:	Nano Slurry
	Product Number:	NCZD3102
	CAS Number:	1314-13-2
Zinc Oxide Slurry		

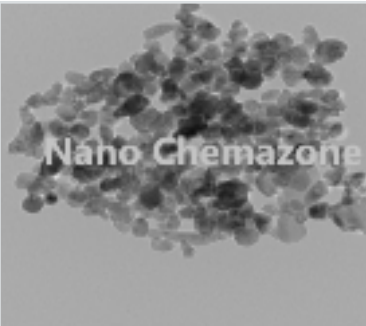
Product Number:	NCZ-D112-N	
CAS:	1314-23-4	
APS:	50-80 nm (Size customization is possible)	
Purity:	99.9%	
Form:	Liquid (also available in Powder Form)	
PH value:	5-7	
		Zirconia Slurry Polishing


	Chemical Name:	Zirconium Oxide Dispersion
	Purity:	>99.99%
	APS:	20-80 nm (Size Customization possible)
	Form:	Nano dispersion
	Product Number:	NCZD3201
	CAS Number:	1314-23-4
Zirconium Oxide Nanoparticle Dispersion		

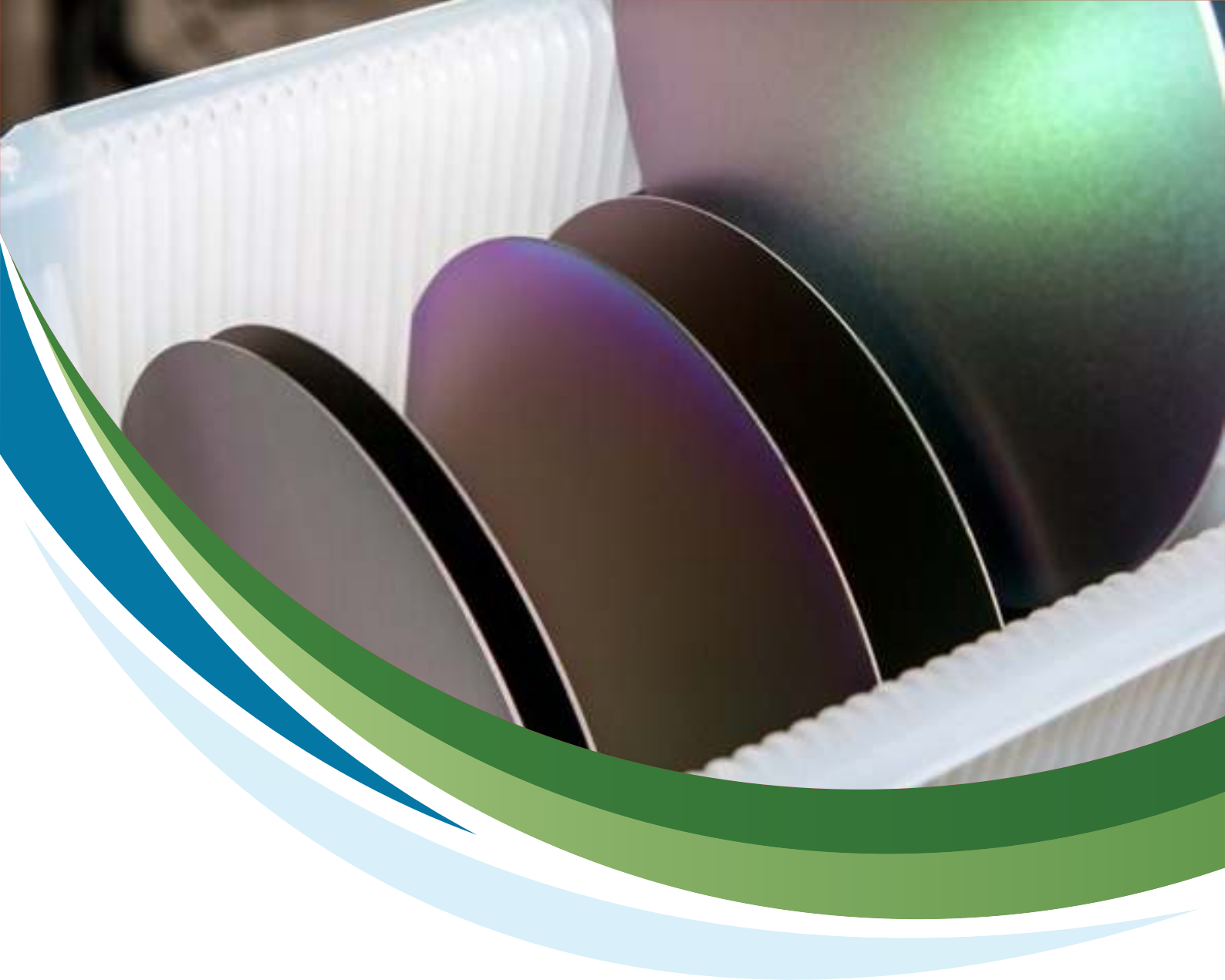
MF:	ZnO	
Chemical Name:	Zinc Oxide Dispersion	
Purity:	> 99.99%	
Form:	Nano dispersion	
Product Number:	NCZD3101	
CAS Number:	1314-13-2	
		ZnO Nanoparticle Dispersion

	Chemical Name:	Transparent conductive ink
	Purity:	>99.99%
	APS:	0.5-1.5 micron (Size Customization possible)
	Form:	Ink/Paste
	Product Number:	NCZD3001
Transparent Conductive Ink	CAS Number:	308068-56-6

Product Number:	NCZ-D110-N	
CAS:	1314-13-2	
APS:	50 nm (Size customization is possible)	
Purity:	99.9%	
Form:	Dispersion (Also available in Powder Form)	
PH value:	7.5±1.5	Yttrium Doped Zinc Oxide Dispersion


	Product Number:	NCZ-D111-N
	CAS:	53801-63-1
	Purity:	99.99%
	Form:	Liquid
	Concentration:	100 ppm
Zinc Copper Core Shell Dispersion	Dispersing Agent:	H2O and Organic Solvent Like DMF, IPA, Ethanol etc.


MF:	Zn	
Chemical Name:	Zinc nanoparticles Dispersion	
Purity:	> 99.99%	
Form:	Dispersion	
Product Number:	NCZD1201	
CAS Number:	7440-66-6	Zinc Nanoparticles Dispersion





ELECTRODES FILMS WAFERS & TARGETS

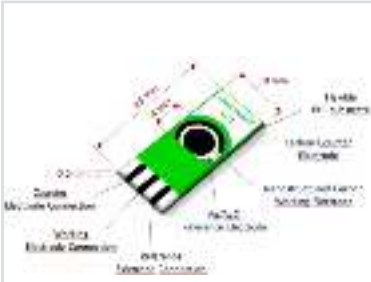
They are an important component in a number of electronic devices including liquid-crystal displays, OLEDs, touchscreens and photovoltaics. While indium tin oxide (ITO) is the most widely used, alternatives include wider-spectrum transparent conductive oxides (TCOs), conductive polymers, metal grids and random metallic networks, carbon nanotubes (CNT), graphene, nanowire meshes and ultra thin metal films.


	Product Name:	Doped Silicon Wafer
	Product Code:	NCZ-WM-0016
	CAS Number:	7440-21-3
	Type:	P-Type and N-Type
	Doping:	Boron etc.
	Crystal Orientation:	<100> /other orientations are also available
Doped Silicon Wafer		


Product Name:	Germanium Wafer	
Product Code:	NCZ-WM-0018	
CAS Number:	7440-56-4	
Type:	Un-doped (Customization possible)	
Orientation:	<100>/other orientations are also available	
Surface:	Both/Single Side Polished	
		Germanium Wafers


	Product Name:	Microcrystalline Cellulose Wafer
	Product Code:	NCZ-WM-0021
	Purity:	97.0 – 100%
	pH:	5.0 – 7.5
	Organic Impurities:	Absent
	Water Solubility:	< 0.2%
Microcrystalline cellulose Wafer		

Product Name:	Phosphorus Doped Silicon Wafer	
Product Code:	NCZ-WM-0014	
Type:	N-Type	
Doping:	Phosphorous, Antimony, etc. (customization possible)	
Crystal Orientation:	<100> /other orientations are also available	
Thickness:	250-500 μm (customization possible)	
		N Doped Silicon Wafer

	Product Name:	Orion Screen Printed Electrodes
	Product Code:	NCZSPE105-19
	Diameter of WE:	2 mm, 3 mm, 4 mm , 5 mm
	Shape:	Rectangle
	Thickness:	0.5mm
	Counter Electrode:	Graphite, Gold, Silver
Nanostructured Carbon Screen Printed Electrodes		

Product Name:	Germanium Wafer	
Product Code:	NCZ-WM-0018	
Diameter:	7440-56-4	
Crystal Orientation:	Un-doped (Customization possible)	
Surface:	<100>/other orientations are also available	
Thickness:	Both/Single Side Polished	
		Platinum & Gold Coated Silicon Wafer

	Product Name:	Platinum Coated Silicon Wafer
	Product Code:	NCZ-WM-0027-19
	Coating:	Platinum (Ask for Coating Customization)
	Crystal Orientation:	<100> /other orientations are also available
	Surface:	Single/Both Side Polished
	Thickness:	20-300 nm (customization is also possible)
Platinum coated Silicon Wafer		

Product Name:	Sapphire Wafer C Plane	
Product Code:	NCZ-WM-0022	
CAS Number:	1344-28-1	
Thickness:	330 μm \pm 15 μm	
Crystal Orientation:	C-Plane (± 0.5 Deg)	
Surface:	Single/Double Side Polished	
		Sapphire Wafer C Plane (Al ₂ O ₃)



Silicon Carbide Wafers N-Type

Product Name:	Silicon Carbide Wafers
Product Code:	NCZ-WM-0019
CAS Number:	409-21-2
Type:	N-Type
Doping:	Phosphorous/ Ask for customization
Crystal Orientation:	<100> /other orientations are also available

Product Name:	Silicon Germanium Wafers
Product Code:	NCZ-WM-0017
CAS:	7440-56-4
Diameter:	50.8 mm, also available in 3, 5, 6, 12" (Ask for customization)
Type:	N-Type also available as P-type and without doping
Doping:	Antimony/Customization possible



Silicon Germanium Wafers




Silicon Wafer 6 inch


Product Name:	Silicon Wafer 6 inch
Product Code:	NCZ-WM-0012
CAS Number:	7440-21-3
Type:	P Type /Customization possible
Doping:	Boron/Customization possible
Crystal Orientation:	<100> /other orientations are also available

Product Name:	Silicon Wafer Undoped
Product Code:	NCZ-WM-0011
CAS Number:	7440-21-3
Diameter:	4" (100 mm), also available in 2, 3, 5, 6, 12"
Doping:	Undoped
Crystal Orientation:	<100> other orientations are also possible



Silicon Wafer Undoped

	Product Name:	Silicon Wafer Silicon Dioxide Layer
	Product Code:	NCZ-WM-0015
	CAS Number:	7440-21-3
	Diameter:	100 mm, also available in 2, 3, 5, 6, 12"
	Type:	P/N Type, Undoped
	Orientation:	<100> /other orientations are also available

Product Name:	Zensor Screen Printed Electrodes (Carbon, Silver & Gold etc.)	
Product Code:	NCZSPE101	
Diameter of WE:	2 mm, 3 mm, 4 mm, 5 mm	
Shape:	Rectangle	
Thickness:	0.5 mm	
Counter Electrode:	Graphite/Gold/Silver	

Zensor Screen Printed Electrodes



FOAMS, FOILS & NANO COATINGS

Metal fiber/foam-based supports have attracted ever-increasing interest within the last decade. Besides the high voidage and internal-diffusion as typically in ceramic honeycomb catalysts, their unique three-dimensional (3D) network and open structure as well as high thermal conductivity and mechanical strength allow low pressure drop, high mass/heat transfer and especially high contacting efficiency of reactants resulted from the radial mixing.



Aluminium Foam Panel

Product:	Aluminium Foam Panel
Stock Number:	NCZFF113
CAS Number:	7429-90-5
Purity:	99.9%
Density:	0.35g /cm ³ ~ 0.7g /cm ³
Thickness:	1 mm – 250 mm, customization is possible on demand

Materials:	Aluminum Foil
Stock Number:	NCZ-F-0017
Purity:	> 99.99%
Thickness:	10 micron-2 mm, customization is available on demand
Application:	Lithium-Ion Battery
CAS Number:	7429-90-5



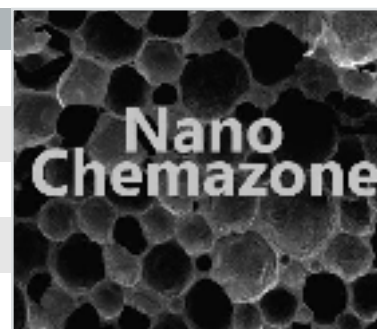
Aluminum Foil for Lithium Ion Battery



Aluminum Metal Foam

Stock Number:	NCZFF108
Density:	0.1 to 0.35 g/cm ³
Pore Size:	2-11 mm, 5 mm (Closed Cell as well as Open Cell)
Compressive Strength:	44 Mpa
Foam Size:	100 x 100 x 5 mm, customization is also possible
Resistivity:	100 Times Over Metal Aluminium

Product Name:	Aluminum Foam
Stock Number:	NCZFF114
CAS Number:	7429-90-5
Purity:	99.9%
Thickness:	5 mm, customization is also possible
Density:	0.1~0.35 g/cm ³



Aluminum Nanofoam



Copper Foam

Stock Number:	NCZFF101
PPI:	5-120, customization is also possible
Purity:	≥ 99.9%
Dimension:	500mm X 500 mm, customization is also possible
Thickness:	1 to 25 mm, customization is also possible
Specific Heat:	0.385 J/g-°C

Materials:	Copper Foil Sheets
Stock Number:	NCZ-F-0011
CAS Number:	7440-50-8
Purity:	≥99.8%
APS:	<20 μm, customization is available
Surface Density:	175-181 g/m ²



Copper Foil Sheets



Electrical Conductive Nickel Metal Foam

Product Name:	Nickel Metal Foam
Stock Number:	NCZFF104
CAS Number:	7440-02-0
Purity:	> 99.9%
PPI:	10-95, customization is available
Pore Size:	00.5-0.5 mm, customization is available

Product Name:	EVA Foam Sheet
Purity:	>99.9%
Density:	30 kg/m ³
Surface Hardness:	40 °C
Tear Strength:	0.35 N/mm m ²
Tensile Strength:	780 Kpa



EVA Foam



Gold Foil Sheets

Materials:	Gold Foil Sheets
Stock Number:	NCZ-F-00118
CAS Number:	7440-57-5
Purity:	≥99.9%
Molecular Weight:	196.97
Resistivity:	2.05 μΩ-cm, 0°C

Materials:	Nickel Foil
Stock Number:	NCZ-F-0015
CAS Number:	7440-02-0
Purity:	≥ 99.9%
Thickness:	12 μm, customization is available
Surface density:	8.908 g/cm ³



Nickel Foil




Open Cell Copper Foam Heat Exchanger


Stock Number:	NCZFF105
PPI:	10 to 110 PPI, customization is also possible
Purity:	≥99.9%
Dimension:	500 mm X 500 mm, customization is also possible
Thickness:	1 mm to 25 mm, customization is also possible
Specific Heat:	0.385 J/g-°C


Materials:	Palladium Metal Foil
Stock Number:	NCZ-F-0016
CAS Number:	7440-05-3
Purity:	≥ 99.9%
Thickness:	12 μm, customization is possible
Width:	30~500 mm, customization is possible





Palladium Metal Foil


	Molecular Formula:	Pt
	Appearance:	Solid Foil
	CAS Number:	7440-06-4
	Stock Number:	NCZ-F-00122
	Molecular Weight:	195.08
Platinum Foil Sheets	Density:	21.45 g/cm ³

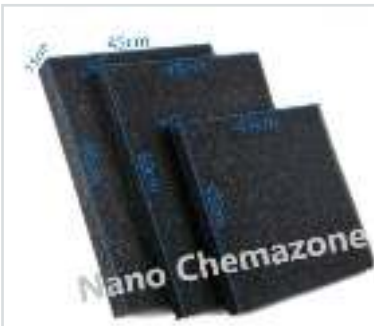
Product Code:	NCZFF110	
CAS Number:	9002-88-4	
Purity:	>99.9%	
Density:	1.2 (LB/Cubic Ft.	
Color:	White	
Cell Count:	18 (cells/inch)	
		Polyethylene Foam


	Stock Number:	NCZFF102
	PPI:	10 to 110, customization is also possible
	Purity:	≥99.9%
	Dimension:	500 mm X 500 mm, customization is also possible
	Thickness:	1 mm to 25 mm, customization is also possible
	Specific Heat:	0.385 J/g-°C
Premium Grade Copper Metal Foams		

Materials:	Gold Foil Sheets	
Stock Number:	NCZ-F-00118-R1	
CAS Number:	7440-57-5	
Purity:	≥ 99.9%	
Thickness:	0.025 mm, 0.05 mm, 0.1 mm, 0.25 mm, 0.5 mm, 1 mm etc.	
Molecular Weight:	196.97	
		Pure Gold Metal Sheet/Foil

	Molecular Formula:	Pt
	Appearance:	Solid Foil
	CAS Number:	7440-06-4
	Stock Number:	NCZ-F-00122-R1
	Molecular Weight:	195.08
Pure Platinum Metal Sheet/Foil	Density:	21.45 g/cm ³

Materials:	Silver Foil Sheets	
Stock Number:	Ag	
CAS Number:	NCZ-F-00117-R1	
Purity:	7440-22-4	
Thickness:	0.025 mm, 0.05 mm, 0.1 mm, 0.25 mm, 0.5 mm, 1 mm etc.	
Molecular Weight:	107.87	Pure Silver Metal Sheet/Foil

	Materials:	Reticulated Vitreous Carbon Foam
	Stock Number:	NCZFF112
	CAS Number:	7440-44-0
	Purity:	99.9%
	Thickness:	5 mm-50 mm
Reticulated Vitreous Carbon Foam	PPI:	10-90 PPI

Materials:	Carbon Foam	
Stock Number:	NCZFF112	
CAS Number:	7440-44-0	
Purity:	99.9%	
Thickness:	5 mm, customization is also possible	
Specific Heat:	0.3 BTU/lb °F	Reticulated Vitreous Carbon Foam



Silver Foil Sheets

Molecular Formula:	Silver Foil Sheets
Stock Number:	NCZ-F-00117
CAS Number:	7440-22-4
Purity:	≥ 99.9%
Thickness:	0.025 mm, 0.05 mm, 0.1 mm, 0.25 mm, 0.5 mm, 1 mm etc.
Density:	10.49 g/cm ³ (lit.)

Stock Number:	NCZFF107
PPI:	10 to 110, customization is available
Purity:	≥99.9%
Porosity:	≥95%, customization is available
Length:	300 mm, customization is available
Width:	300 mm, customization is available



Stainless Steel Foam



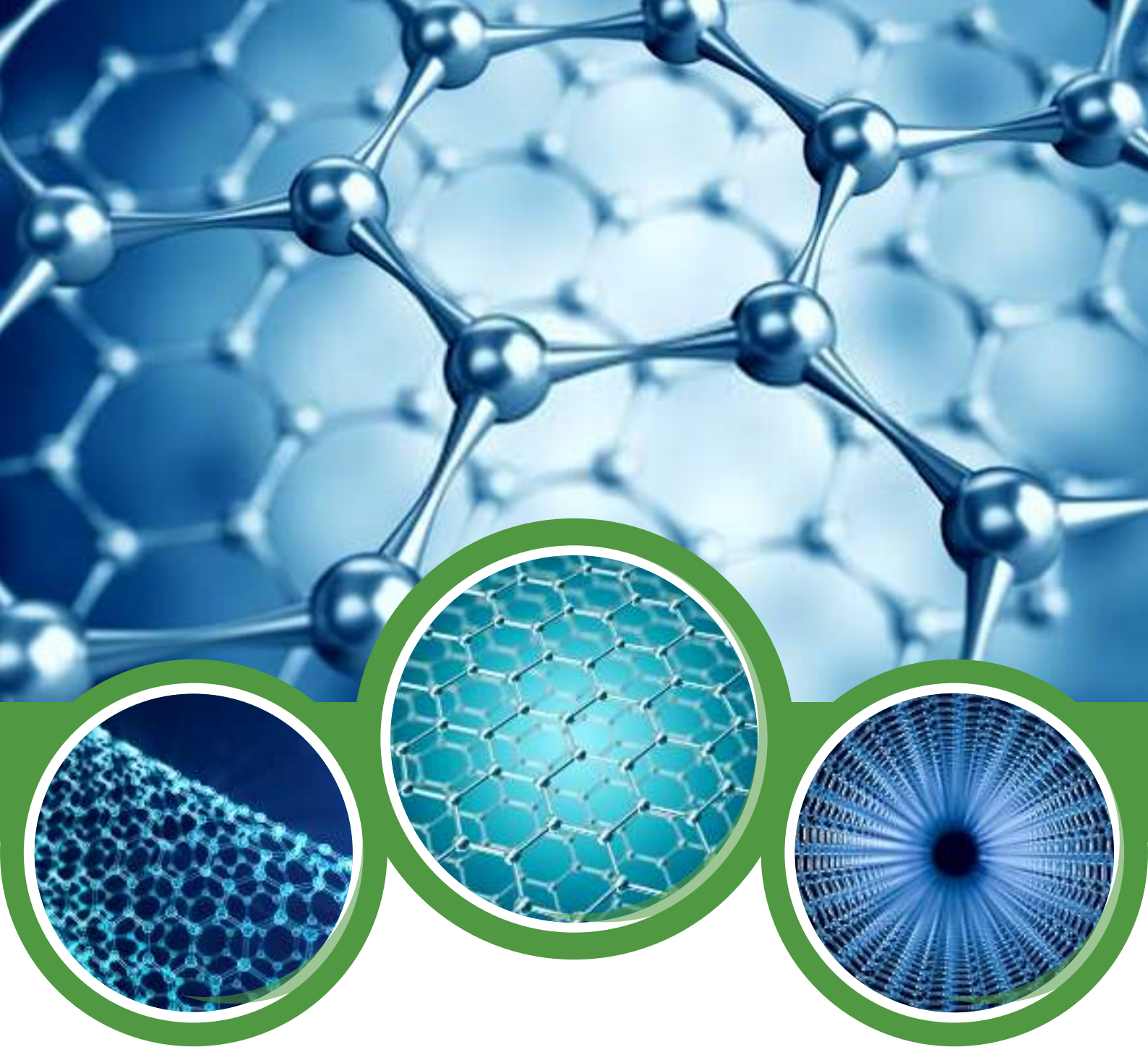
Titanium Metal Foil

Materials:	Titanium Metal Foil
Stock Number:	NCZ-F-0012
CAS Number:	7440-32-6
Purity:	≥ 99.9%
Thickness:	12 μm, customization is available on demand
Surface density:	4.506 g/cm ³

Materials:	Tungsten Metal Foil
Stock Number:	NCZ-F-0014
CAS Number:	7440-33-7
Purity:	≥ 99.9%
Thickness:	12 μm / Customization is available
Surface density:	19.25 g/cm ³

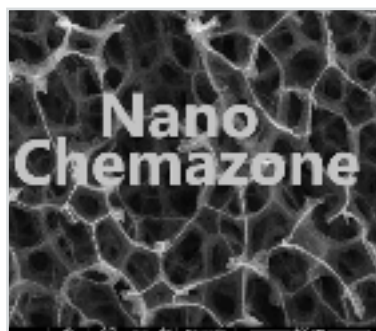


Tungsten Metal Foil



GRAPHENE NANOSTRUCTURES

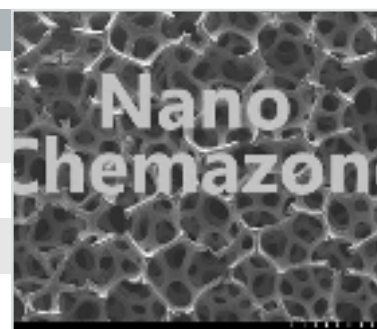
Three-Dimensional Graphene Nanostructures. ... Such materials include graphene, carbon nanotubes, inorganic nanowires, colloidal particles, macroporous oxides and some others. Our strategy is to control the structure and composition of these materials at nanoscale to define their properties.



3D Freestanding Graphene Foam

Product Name:	3D Freestanding Graphene Foam
Stock Number:	NCZ-GSW-0023
Purity:	> 99.9%
CAS Number:	7440-44-0
Density:	~ 0.2g/cm ³
Thickness:	~ 0.5mm

Product Name:	3D Graphene on Nickel/Copper Foam
Stock Number:	NCZ-GSW-0022
Purity:	> 99.9%
CAS Number:	7782-42-5 (graphene), 7440-02-0 (nickel)
Sheet Resistance:	<600Ω/sq
Transparency:	>95%



3D Graphene on Nickel/Copper Foam




Aminated Graphene Quantum Dots


Product Number:	NCZC3001
CAS Number:	7440-40-0
Concentration:	1mg/mL to 20 mg/mL, Concentration Customization Possible
APS:	5-7 nm
Package Size:	1-100 mL
Composition:	Aminated Graphene Quantum Dots


Product Number:	NCZC3004
CAS Number:	7440-40-0
Concentration:	1mg/mL to 20 mg/mL, Concentration Customization is possible
APS:	5-10 nm
Package Size:	1-100 mL (Large Volume packs are also available)
Composition:	Graphene Quantum Dots




Blue Luminescent Graphene Quantum Dots

	Product Number:	CVD Graphene on PET Substrate
	Stock Number:	NCZ-GSW-0019
	Purity:	> 99.9%
	CAS Number:	7782-42-5 (graphene), 25038-59-9 (PET)
	Sheet Resistance:	<600Ω/sq
	Transparency:	>95%

Product Name:	CVD Graphene on Quartz Substrate	
Stock Number:	NCZ-GSW-0020	
Purity:	> 99.9%	
CAS Number:	7782-42-5 (graphene)	
Sheet Resistance:	<600Ω/sq	
Transparency:	>95%	

	Product Number:	CVD Graphene On Silicon Substrate
	Stock Number:	NCZ-GSW-0017
	Purity:	> 99.9%
	CAS Number:	7782-42-5 (graphene), 7440-21-3 (silicon)
	Sheet Resistance:	450±40 Ω/sq (1cm x1cm)
	Transparency:	>95%

Product Number:	CVD Graphene on SiO ₂ Substrate/Wafer	
Stock Number:	NCZ-GSW-0018	
Purity:	> 99.9%	
CVD Graphene:	Substrate	
Sheet Resistance:	<600Ω/sq	
Transparency:	>95%	



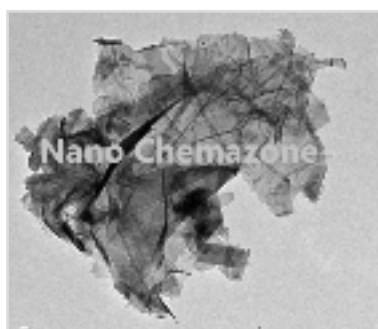
Graphene & Carbon Nanotubes Water Paste

Chemical Name:	Graphene and Carbon Nanotubes Dispersion Mixture
Purity:	≥99.5%
Length:	10-20 μm (Customization possible)
Form:	Dispersion/Paste/Solution
Product Number:	NCZC1010
CAS Number:	7782-42-5

Chemical Name:	Graphene Dispersion
Purity:	≥99.9%
Thickness:	0.55- 3.74 nm
Form:	Dispersion/Solution
Product Number:	NCZC1003
CAS Number:	7782-42-5



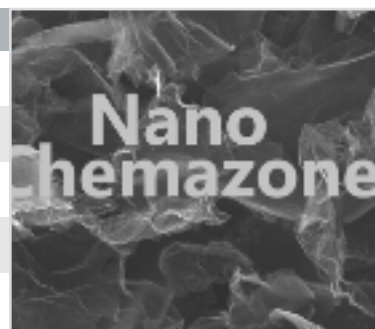
Graphene Dispersion




Graphene Nanoplatelets


Chemical Name:	Graphene Nanoplatelets
Purity:	≥99.5%
Thickness:	1-20 nm (ask for Customization)
Form:	Dispersion/Paste/Solution/Powder
Product Number:	NCZC1012
CAS Number:	7782-42-5


Chemical Name:	Graphene and CNT Paste
Purity:	≥99.5%
Length:	10-20 μm (Customization possible)
Form:	Dispersion/Paste/Solution
Product Number:	NCZC1011
CAS Number:	7782-42-5




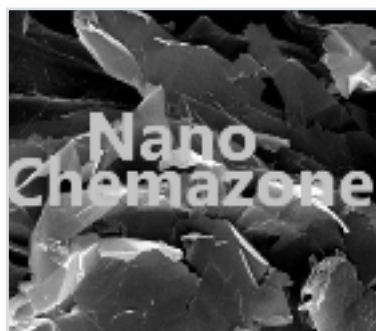
Graphene Nanoplatelets & Carbon Nanotubes Mix Paste

	Chemical Name:	Graphene and CNT Dispersion
	Purity:	≥99.5%
	Length:	10-20 μm
	Form:	Dispersion/Paste/Solution
	Product Number:	NCZC1016
	CAS Number:	7782-42-5
Graphene Nanoplatelets & Carbon Nanotubes Water/NMP Dispersion		

Chemical Name:	Graphene Nanoplatelets Paste and Dispersion	
Purity:	≥99.5%	
Thickness:	2-20 nm (Customization possible)	
Form:	Dispersion/Solution	
Product Number:	NCZC1009	
CAS Number:	7782-42-5	
		Graphene Nanoplatelets Dispersion

	Chemical Name:	Graphene Nanoplatelets
	Purity:	≥99.5%
	Thickness:	4-20 nm
	Form:	Dispersion/Paste/Solution/Powder
	Product Number:	NCZC1012
	CAS Number:	7782-42-5
Graphene Nanoplatelets Industrial Grade		

Chemical Name:	Graphene Nanoplatelets Paste	
Purity:	≥99.5%	
Thickness:	2-20 nm	
Form:	Dispersion/Paste/Solution	
Product Number:	NCZC1008	
CAS Number:	7782-42-5	
		Graphene Nanoplatelets Paste



Graphene Nanoplatelets Powder

Chemical Name:	Graphene Nanoplatelets
Purity:	≥99.5%
Thickness:	4-20 nm
Form:	Dispersion/Paste/Solution/Powder
Product Number:	NCZC1007
CAS Number:	7782-42-5

Product Name:	Graphene On Lacey Carbon 300 Mesh Copper TEM Grids
Stock Number:	NCZ-GSW-0015
Purity:	> 99.9%
CAS Number:	7782-42-5
Sheet Resistance:	450±40 Ω/sq (1cm x1cm)



Graphene on Lacey Carbon 300 Mesh Copper TEM Grids



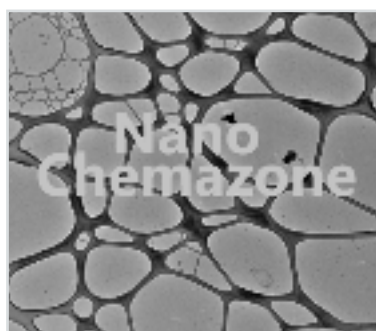
Graphene on Silicon Nitride TEM Grids

Product Name:	Graphene on Silicon Nitride TEM Grids
Stock Number:	NCZ-GSW-0012
Purity:	> 99.9%
Sheet Resistance:	450±40 Ω/sq (1cm x1cm)
Support Film:	Silicon Nitride

Product Name:	Graphene on Ultra-Flat Thermal SiO ₂ Substrate
Stock Number:	NCZ-GSW-0011
Purity:	> 99.9%
Support Film:	Ultra-flat Silicon
Sheet Resistance:	450±40 Ω/sq (1cm x1cm)



Graphene on SiO₂ Substrate



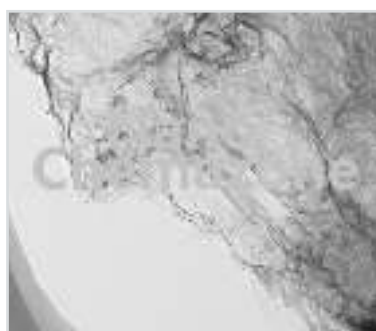
Graphene on Ultra-Fine 200 Mesh Copper TEM Grids

Product Name:	Graphene On Ultra-Fine 200 Mesh Copper TEM Grids
Stock Number:	NCZ-GSW-0014
Purity:	> 99.9%
CAS Number:	7782-42-5
Sheet Resistance:	450±40 Ω/sq (1cm x1cm)

Chemical Name:	Graphene Oxide, GO
Purity:	≥ 99.9%
Thickness:	0.55- 2 nm
Form:	Dispersion/Solution
Product Number:	NCZC2001
CAS Number:	7782-42-5



Graphene Oxides Solution



Graphene Paste

Chemical Name:	Graphene
Purity:	≥ 99.9%
Thickness:	0.55- 3.74 nm (Customization possible)
Form:	Dispersion/Solution/Paste
Product Number:	NCZC1005
CAS Number:	7782-42-5

Chemical Name:	Pure Pristine Graphene Powder
Purity:	≥99.9%
Thickness:	0.55- 3.74 nm (Customization possible)
Form:	Nanopowder
Product Number:	NCZC1001
CAS Number:	7782-42-5



Graphene Sheets Powder



Graphene Solution

Chemical Name:	Graphene Dispersion
Purity:	≥99.9%
Thickness:	0.55- 3.74 nm
Form:	Dispersion/Solution
Product Number:	NCZC1004
CAS Number:	7782-42-5

Chemical Name:	Graphene Nanoplatelets
Purity:	≥ 99.9%
APS:	5-10 μm, 20-50 layers (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ3001-19
CAS Number:	99685-96-8



High Purity Graphene Nanoplatelets




Hydroxylated Graphene Quantum Dots

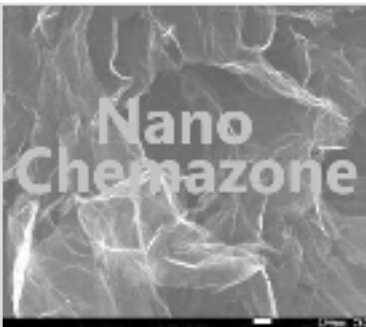
CAS Number:	7440-40-0
Product Number:	NCZC3002
APS:	5-10 nm (Customization is Possible)
Package Size:	1-100 mL (Customization is Possible)
Composition:	Hydroxylated Graphene Quantum Dots
Appearance:	Colorless solution

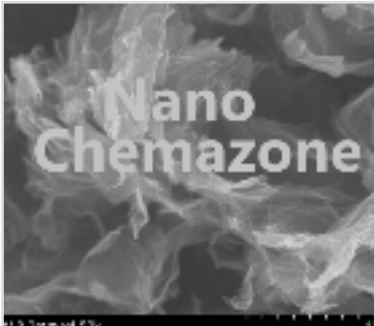
Chemical Name:	Graphene
Purity:	≥99.9%
Thickness:	0.5- 3 nm
Form:	Nanopowder
Product Number:	NCZC1006
CAS Number:	7782-42-5

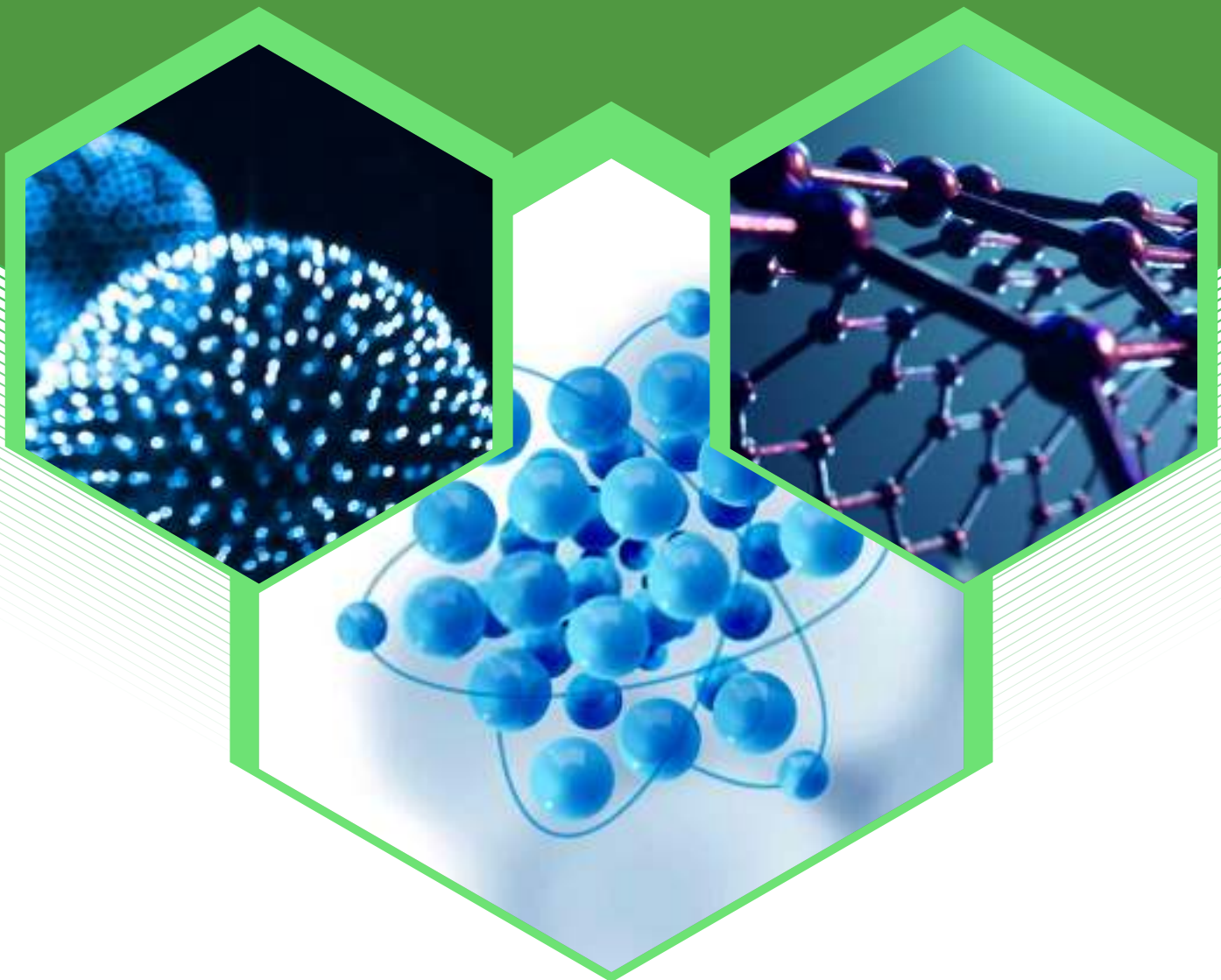


Nitrogen-doped Graphene Powder

		
	Product Name:	Graphene-coated PMMA and PET
	Stock Number:	NCZ-GSW-0021
	Purity:	> 99.9%
	CAS Number:	7782-42-5 (graphene)
	Sheet Resistance:	<600Ω/sq
Pretreated Graphene on PET/PMMA Substrate	Transparency:	>95%

		
Chemical Name:	Reduced Graphene Oxide	
Purity:	≥99.9%	
Thickness:	0.55- 2 nm	
Form:	Dispersion/Solution	
Product Number:	NCZC2002	
CAS Number:	7782-42-5	Reduced Graphene Oxide Dispersion

		
	Chemical Name:	Reduced Graphene Oxide Powder
	Purity:	≥ 99.9%
	Thickness:	0.5- 3 nm (Customization possible)
	Form:	Nanopowder
	Product Number:	NCZC1002
Reduced Graphene Oxide Powder	CAS Number:	7782-42-5



MICRO PARTICLES & POWDERS

Microparticles are particles between 1 and 1000 μm in size. Commercially available microparticles are available in a wide variety of materials, including ceramics, glass, polymers, and metals. Microparticles encountered in daily life include pollen, sand, dust, flour, and powdered sugar.

Microparticles have a much larger surface-to-volume ratio than at the macroscale, and thus their behavior can be quite different. For example, metal microparticles can be explosive in air.



Chemical Name:	Aluminum Powder
Purity:	> 99.99%
APS:	40-50 µm (Size Customization possible)
Form:	Micro powder
Product Number:	NCZM101
CAS Number:	7440-22-5

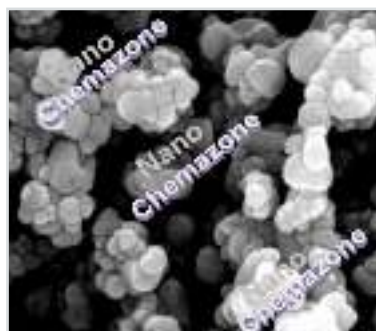
Chemical Name:	Bilirubin Powder
Purity:	> 99% (45%, 60% & 90% also available)
APS:	40-50 µm (Size Customization possible)
Form:	Micro powder
Product Number:	NCZM102
CAS Number:	635-65-4



Product:	Bi ₂ S ₃
Product Number:	NCZM130
Purity:	99.5%
APS:	5 µm (Size Customization is available)
CAS Number:	1345-07-9
Density:	7.6-7.8 g/cm ³

Chemical Name:	Bismuth Powder
Purity:	> 99.99%
APS:	40-50 µm (Size Customization possible)
Form:	Micro powder
Product Number:	NCZM103
CAS Number:	7440-69-9





Boron Powder

Chemical Name:	Boron Powder
Purity:	> 99.99%
APS:	40-50 μm (Size Customization possible)
Form:	Micro powder
Product Number:	NCZM104
CAS Number:	7440-42-8

Product:	Brass Powder
Product Number:	NCZ-M-131
CAS:	86376-49-0
APS:	40-50 μm (Size Customization is possible)
Purity:	99%
Form:	Powder



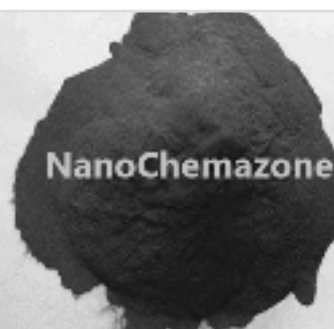
Brass Powder



Bronze powder

Product:	Bronze Powder
Product Number:	NCZM132
Purity:	99%
APS:	40-50 μm (Size Customization is possible)
CAS Number:	158113-12-3
Density:	0.8g/m ³

Product:	Cadmium Powder
Product Number:	NCZM133
CAS:	1306-19-0
APS:	60-80 μm (Size Customization is possible)
Purity:	> 99.5 %
Form:	Powder



Cadmium Powder



Gallium Powder

Product Name:	Gallium Powder
Product Number:	NCZM135-18
CAS:	7440-55-3
APS:	40-60 μm (Size customization is available)
Purity:	99.9%
Form:	Powder

Product:	Gold Powder
Product Number:	NCZM136-18
CAS:	7440-57-5
APS:	40-50 μm (Size customization is available)
Purity:	99%
Form:	Powder



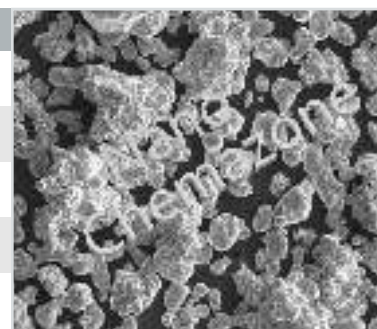
Gold Powder



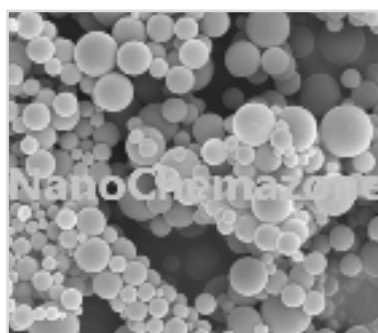
Graphite Powder

Chemical Name:	Graphite Powder
Purity:	> 99.99%
APS:	40-50 μm (Size Customization possible)
Form:	Micro powder
Product Number:	NCZM109
CAS Number:	7782-42-5

Chemical Name:	Iron Micropowder
Purity:	> 99.99%
APS:	40-50 μm (Size Customization possible)
Form:	Micro powder
Product Number:	NCZM110
CAS Number:	7439-89-6



Iron Micropowder



Calcium Carbonate micro particles

Product Name:	Boron Powder
Product Number:	NCZM134
Purity:	99.9%
APS:	6 μm (Size Customization is possible)
CAS Number:	471-34-1
Density:	2.711g/cm ³

Chemical Name:	Chromium Powder
Purity:	>99.99%
APS:	40-50 μm (Size Customization possible)
Form:	Micro powder
Product Number:	NCZM106
CAS Number:	7440-47-3



Chromium Powder



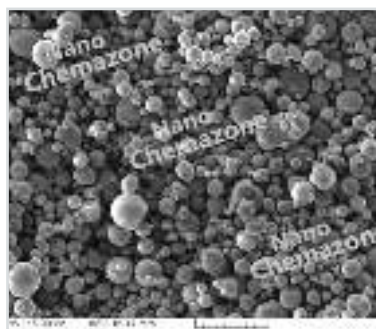
Cobalt Micro Powder

Chemical Name:	Cobalt Powder
Purity:	> 99.99%
APS:	40-50 μm (Size Customization possible)
Form:	Micro powder
Product Number:	NCZM107
CAS Number:	7440-48-4

Chemical Name:	Copper Powder
Purity:	> 99.99%
APS:	40-50 μm (Size Customization possible)
Form:	Micro powder
Product Number:	NCZM108
CAS Number:	7440-50-8



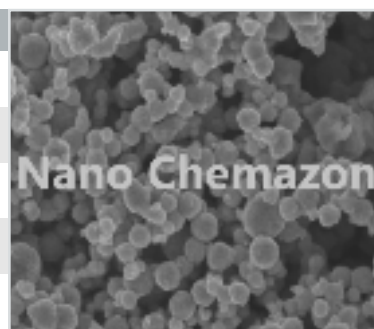
Copper Powder



Magnesium Powder

Chemical Name:	Magnesium Powder
Purity:	> 99.99%
APS:	40-50 μm (Size Customization possible)
Form:	Micro powder
Product Number:	NCZM111
CAS Number:	7439-95-4

Product:	Manganese Carbonate Micro particles
CAS:	598-62-9
APS:	4-5 μm (Micro and Nano Size, customization available on demand)
Purity:	$\geq 99\%$
Form:	Powder
Density:	3.12 g/ cm^3



Manganese Carbonate Micro particles Powder



Manganese Powder

Chemical Name:	Manganese Powder
Purity:	> 99.99%
APS:	40-50 μm (Size Customization possible)
Form:	Micro powder
Product Number:	NCZM112
CAS Number:	7439-96-5

Chemical Name:	Mesoporous CARBON
Purity:	> 99.99%
APS:	40-50 μm (Size Customization possible)
Form:	Micro powder
Product Number:	NCZM113
CAS Number:	1333-86-3



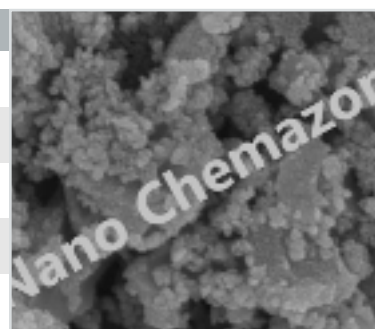
Mesoporous Carbon Materials



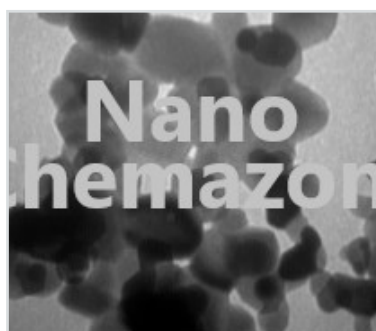
Milled Carbon Fiber Powder

Chemical Name:	Milled Carbon Fiber Powder
Purity:	> 99.99%
APS:	40-50 μm (Size Customization possible)
Form:	Micro powder
Product Number:	NCZM114
CAS Number:	99685-96-8

Product:	Molybdenum Pentachloride Powder
Purity:	$\geq 99\%$
CAS Number:	10241-05-1
Boiling Point:	268°C
Melting Point:	194°C
Density:	2.928 g/cm ³ at 25°C



Molybdenum Pentachloride



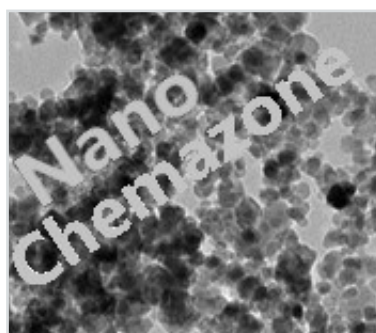
Neodymium Iron Boron Magnetic Powder (NdFeB)

Chemical Name:	Neodymium Iron Boron Powder
Purity:	> 99.99%
APS:	10 micron (Size Customization possible)
Form:	Micron size powder
Product Number:	NCZM-125-19
CAS Number:	918106-59-9

Chemical Name:	Nickel Powder
Purity:	> 99.99%
APS:	40-50 μm (Size Customization possible)
Form:	Micro powder
Product Number:	NCZM115
CAS Number:	7440-02-0



Nickel Powder



Niobium Micropowder

Chemical Name:	Niobium Micropowder
Purity:	> 99.99%
APS:	40-50 μm (Size Customization possible)
Form:	Micro powder
Product Number:	NCZM116
CAS Number:	7440-03-1

Product:	Niobium Pentachloride Powder
Purity:	99.6%
CAS Number:	10026-12-7
Boiling Point:	254°C
Melting Point:	204.7°C
Density:	2.75 g/cm ³ at 25°C



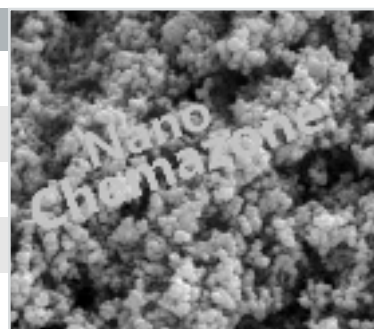
Niobium Pentachloride Powder



Palladium Nanopowder

Product:	Palladium Powder
CAS:	7440-05-3
APS:	$\geq 5\text{-}10\ \mu\text{m}$ (Micro and Nano Size Range available)
Purity:	$\geq 99.9\%$
Form:	Powder
Density:	12.02 g/cm ³

Chemical Name:	Silicon Nitride Powder
Purity:	> 99.99%
APS:	40-50 μm (Size Customization possible)
Form:	Micro powder
Product Number:	NCZM117
CAS Number:	12033-89-4



Silicon Nitride Powder



Silicon Powder

Chemical Name:	Silicon Powder
Purity:	> 99.99%
APS:	40-50 μm (Size Customization possible)
Form:	Micro powder
Product Number:	NCZM118
CAS Number:	7440-21-3

Chemical Name:	Silver Powder
Purity:	>99.99%
APS:	40-50 μm (Size Customization possible)
Form:	Micro powder
Product Number:	NCZM119
CAS Number:	7440-22-4



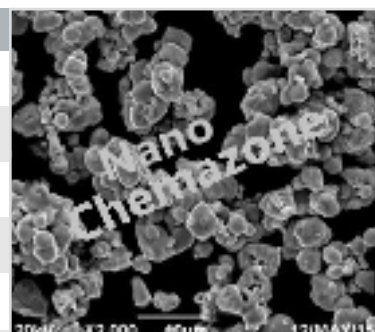
Silver Powder




Sodium Hexafluoroantimonate Powder & Dispersion


Product:	Sodium Hexafluoroantimonate Powder & Dispersion
Formula:	NaSbF_6
Size:	5-10 μm (Micro & Nano Size range available)
Purity:	$\geq 99\%$
CAS Number:	16925-25-0
Moisture:	< 0.5%


Chemical Name:	Soft Iron Powder
Purity:	>99.99%
APS:	40-50 μm (Size Customization possible)
Form:	Micro powder
Product Number:	NCZM120
CAS Number:	7439-89-6




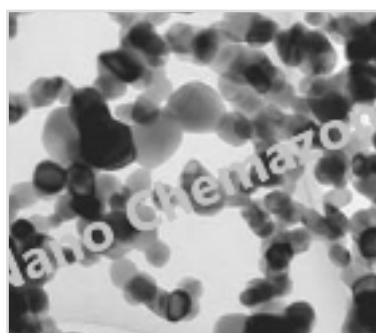
Soft Iron Powder

	Chemical Name:	Stainless Steel Powders
	Purity:	> 99.99%
	APS:	40-50 μm (Size Customization possible)
	Form:	Micro powder
	Product Number:	NCZM122
	CAS Number:	12597-68-1
Stainless Steel Powders		

Chemical Name:	Sulfur Powder	
Purity:	>99.99%	
APS:	40-50 μm (Size Customization possible)	
Form:	Micro powder	
Product Number:	NCZM123	
CAS Number:	7704-34-9	
		Sulfur Powder

	Chemical Name:	Tantalum Powder
	Purity:	> 99.99%
	APS:	40-50 μm (Size Customization possible)
	Form:	Micro powder
	Product Number:	NCZM124
	CAS Number:	7440-25-7
Tantalum Powder		

Chemical Name:	Tin Powder	
Purity:	>99.99%	
APS:	40-50 μm (Size Customization possible)	
Form:	Micro powder	
Product Number:	NCZM125	
CAS Number:	7440-31-5	
		Tin Powder



Tin Sulfide Powder

Product:	Tin Sulfide Powder
Purity:	≥99.5%
APS:	5- 10 μm (Micro & Nano size range customization available)
Form:	Brown-black orthorhombic crystal
Melting point:	880°C
Boiling point:	1,230°C

Chemical Name:	Titanium Powder
Purity:	>99.99%
APS:	40-50 μm (Size Customization possible)
Form:	Micro powder
Product Number:	NCZM126
CAS Number:	7440-32-6



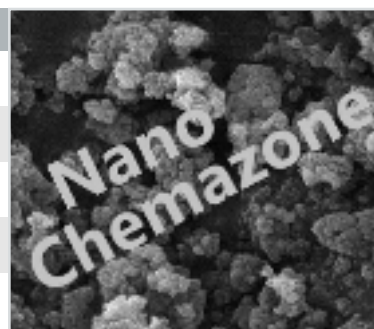
Titanium Powder



Transparent Conductive Ink

Chemical Name:	Transparent conductive ink
Purity:	> 99.99%
APS:	0.5-1.5 micron (Size Customization possible)
Form:	Ink/Paste/Dispersion
Product Number:	NCZM127
CAS Number:	308068-56-6

Chemical Name:	Vanadium Powders
Purity:	>99.99%
APS:	40-50 μm (Size Customization possible)
Form:	Micro powder
Product Number:	NCZM128
CAS Number:	7440-62-2



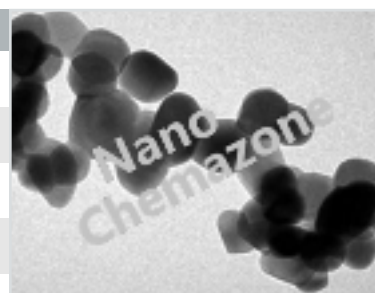
Vanadium Powder



Zinc Metal Powder

Chemical Name:	Zinc Powder
Purity:	> 99.9%
APS:	10 nm to 100 nm and 1-45 μm (Size Customization possible)
Form:	Micro powder/ Nano Powder
Product Number:	NCZM129
CAS Number:	7440-66-6

Chemical Name:	Zirconium Powder
Purity:	>99.99%
APS:	40-50 μm (Size Customization possible)
Form:	Micro powder
Product Number:	NCZM130
CAS Number:	7440-67-7



Zirconium Powder



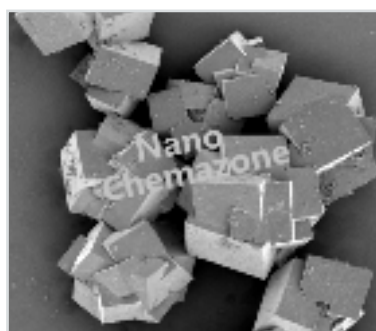
Zirconium Powder

Product:	Zirconium Powder
CAS:	7440-67-7
APS:	40-50 μm (Micro and Size range, customization available)
Purity:	$\geq 99\%$
Form:	Powder
Density:	6.52 g/cm ³



MOF

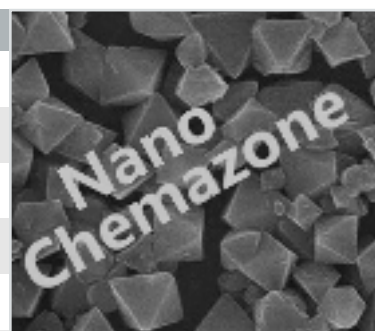
Metal-organic frameworks (MOFs) are a class of compounds consisting of metal ions or clusters coordinated to organic ligands to form one-, two-, or three-dimensional structures. They are a subclass of coordination polymers, with the special feature that they are often porous. The organic ligands included are sometimes referred to as "struts", one example being 1,4-benzenedicarboxylic acid (BDC).



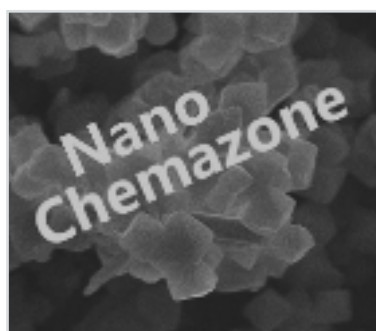
Aluminium Metal Organic Framework

Product Name:	Aluminum Metal-Organic Framework
Stock No.:	NCZMOF102
CAS:	7429-90-5
Purity:	99%
APS:	30-40 μm
Density:	0.4 g/cm^3

Product Name:	Chromium Metal Organic Framework
Stock No.:	NCZMOF103
CAS:	7440-47-3
Purity:	99%
APS:	30-40 μm
Density:	0.35 g/cm^3



Chromium Metal Organic Framework



Chromium MOF

Product Name:	Chromium MOF
Stock No.:	NCZMOF112
CAS:	7440-47-3
Purity:	99%
APS:	30-40 μm
Density:	0.35 g/cm^3

Product Name:	Copper Metal Organic Framework
Stock No.:	NCZMOF105
CAS:	7440-50-8
Purity:	99%
APS:	30-40 μm
Density:	0.35 g/cm^3



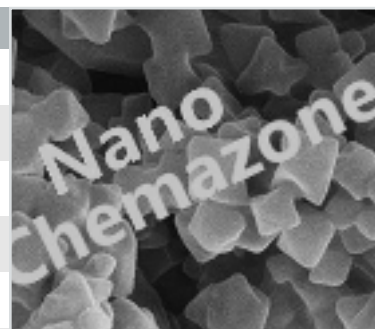
Copper Metal Organic Framework



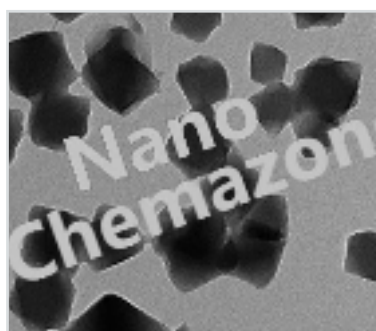
Dysprosium Metal Organic Framework

Product Name:	Dysprosium Metal Organic Framework
Stock No.:	NCZMOF116
CAS:	7429-91-6
Purity:	99%
APS:	30-40 μm
Density:	0.35 g/cm^3

Product Name:	Dysprosium Metal Organic Framework
Stock No.:	NCZMOF116
CAS:	7429-91-6
Purity:	99%
APS:	30-40 μm
Density:	0.35 g/cm^3



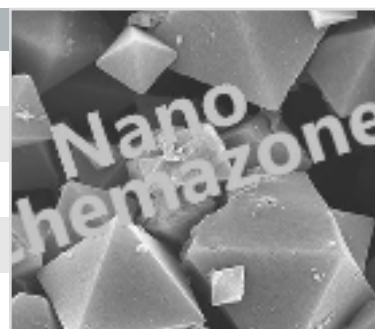
Dysprosium Metal Organic Framework



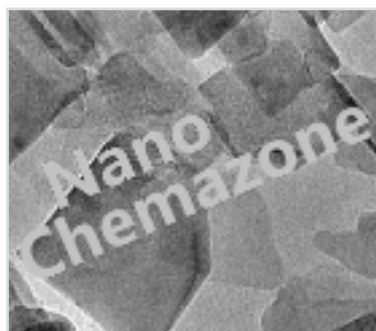
Europium Metal Organic Framework

Product Name:	Europium Metal Organic Framework
Stock No.:	NCZMOF117
CAS:	7440-53-1
Purity:	99%
APS:	30-40 μm
Density:	0.35 g/cm^3

Product Name:	Ferrous Metal Organic Framework
Stock No.:	NCZMOF104
CAS:	7439-89-6
Purity:	99%
APS:	30-40 μm
Density:	0.35 g/cm^3



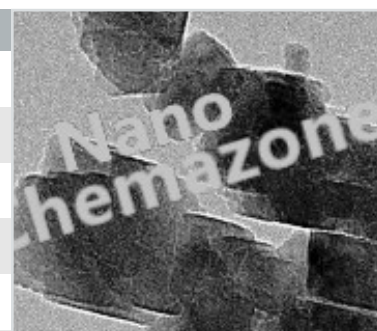
Ferrous Metal Organic Framework



Nickel based Metal Organic Framework

Product Name:	Nickel based Metal Organic Framework
Stock No.:	NCZMOF122
CAS:	7440-02-0
Purity:	99%
APS:	30-40 μm
Density:	0.35 g/ cm^3

Product Name:	Samarium Metal-Organic Framework
Stock No.:	NCZMOF123
CAS:	7440-19-9
Purity:	99%
APS:	30-40 μm
Density:	0.35g/ cm^3



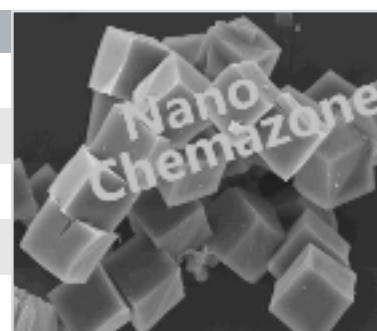
Samarium Metal Organic Framework



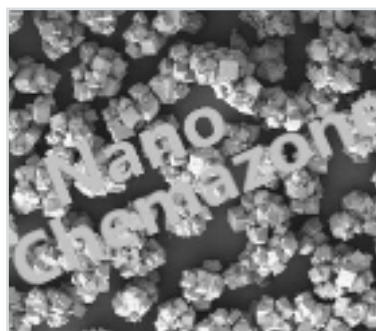
Terbium Metal Organic Framework

Product Name:	Terbium Metal Organic Framework
Stock No.:	NCZMOF115
CAS:	7440-27-9
Purity:	99%
APS:	30-40 μm
Density:	0.35 g/ cm^3

Product Name:	Tin Metal Organic Framework
Stock No.:	NCZMOF109
CAS:	7440-31-5
Purity:	99%
APS:	30-40 μm
Density:	6.95 g/ cm^3



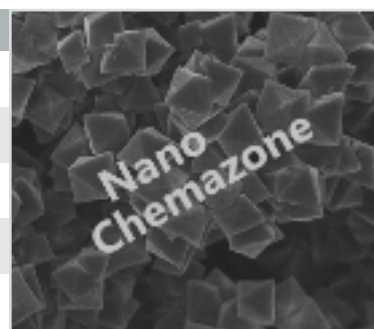
Tin Metal Organic Framework



Iron Metal Organic Framework

Product Name:	Iron Metal-Organic Framework
Stock No.:	NCZMOF119
CAS:	7439-89-6
Purity:	99%
APS:	30-40 μm
Density:	0.35 g/ cm^3

Product Name:	Manganese Metal-Organic Framework
Stock No.:	NCZMOF107
CAS:	7439-96-5
Purity:	99%
APS:	30-40 μm
Density:	0.35g/ cm^3



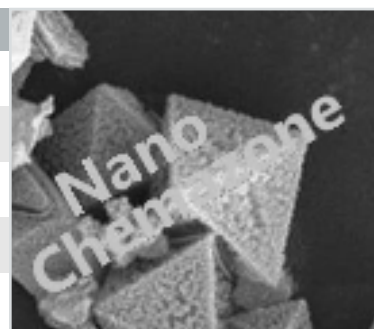
Manganese Metal Organic Framework



Methylimidazole Zinc Salt MOF

Product Name:	2 Methylimidazole Zinc Salt
Stock No.:	NCZMOF101
CAS:	59061-53-9
Purity:	99%
APS:	0.5-4 μm
Density:	0.35 g/ cm^3

Product Name:	Nanoporous Iron Metal-Organic Frameworks
Stock No.:	NCZMOF106
CAS:	7439-89-6
Purity:	99%
APS:	30-40 μm
Density:	0.35 g/ cm^3



Nanoporous Iron Metal Organic Frameworks



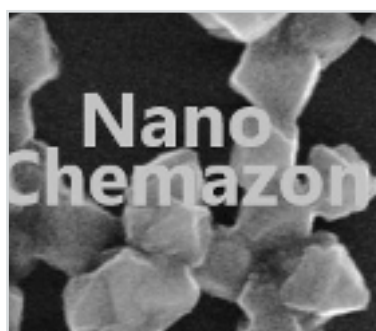
Titanium Metal Organic Framework

Product Name:	Titanium Metal Organic Framework
Stock No.:	NCZMOF121
CAS:	N/A
Purity:	99%
APS:	30-40 μm
Density:	0.35 g/ cm^3

Product Name:	Vanadium Metal Organic Frameworks
Stock No.:	NCZMOF110
CAS:	7440-62-2
Purity:	99%
APS:	30-40 μm
Density:	0.35g/ cm^3



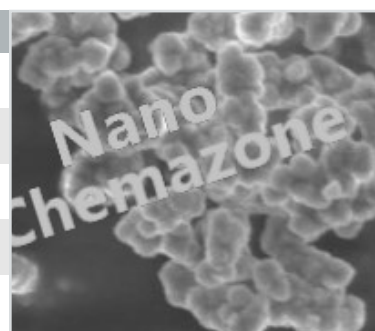
Vanadium Metal Organic Frameworks



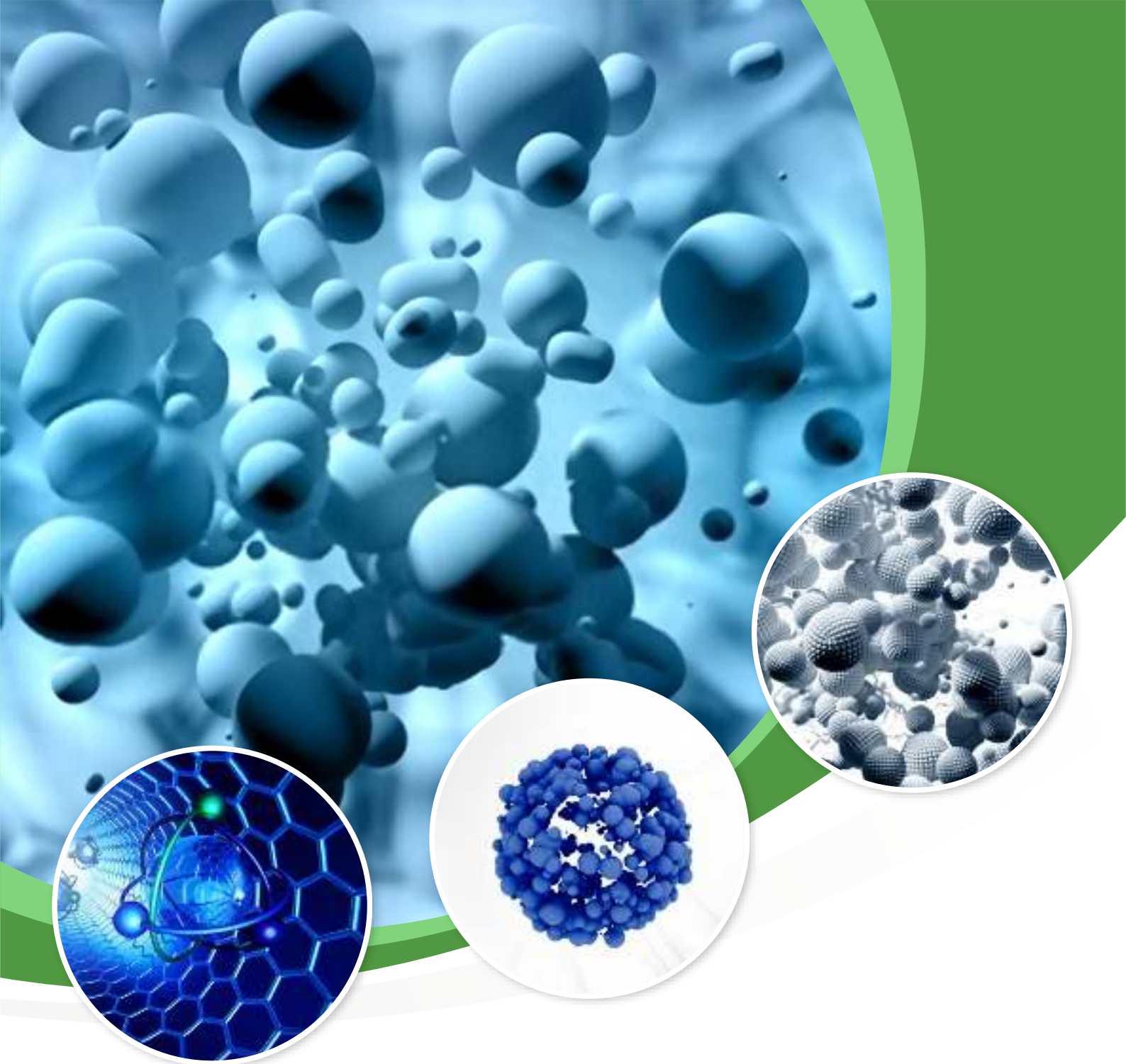
Zinc Based Metal Organic Framework

Product Name:	Zinc Based Metal Organic Framework
Stock No.:	NCZMOF120
CAS:	7440-66-6
Purity:	99%
APS:	30-40 μm
Density:	0.35 g/ cm^3

Product Name:	Zirconium Metal Organic Framework
Stock No.:	NCZMOF113
CAS:	7440-67-7
Purity:	99%
APS:	30-40 μm
Surface Area:	1067 m^2/g (BET)surface



Zirconium Metal Organic Framework



NANOPARTICLES & NANOPOWDERS

All metallic nanopowders made by any of the existing methods are highly pyrophoric, and surface passivation procedure for particles is required. After synthesis, nanopowders exposed to air can ignite as a result of heating caused by metal oxidation by components of air oxygen. Various passivation means are used in order to reduce the pyrophoricity of nanopowders, all of which can be classified as chemical passivation and microencapsulation methods.

Note: For pricing & ordering information, please visit us at: www.nanochemazone.com
E-mail: sales@nanochemazone.com, contact@nanochemazone.com



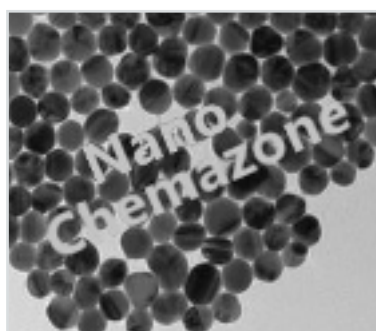
Alumina Nanoparticles Powder

Chemical Name:	Aluminum Oxide gamma
Purity:	> 99.99%
APS:	50-100 nm (Customization is possible)
Form:	Nanopowder/Dispersion
Product Number:	NCZ2201-G
CAS Number:	1344-28-1

Chemical Name:	Aluminum Hydroxide
Purity:	> 99.99%
APS:	20 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ301
CAS Number:	21645-51-2



Aluminium Hydroxide Nanoparticles



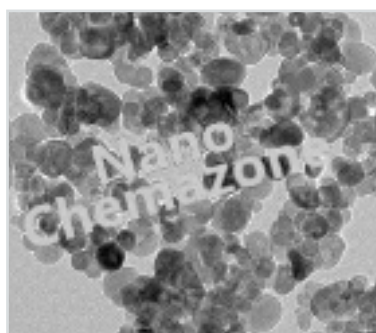
Aluminum Nanoparticles

Chemical Name:	Aluminum
Purity:	>99.99%
APS:	50 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ201
CAS Number:	7429-90-5

Chemical Name:	Aluminum Nitride
Purity:	> 99.99%
APS:	≤100 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ401
CAS Number:	24304-00-5



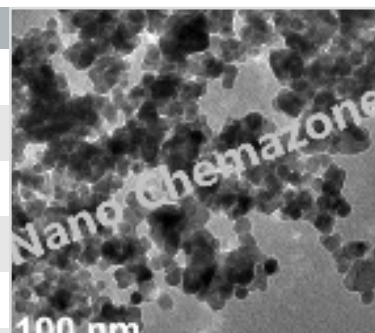
Aluminum Nitride Nanoparticles



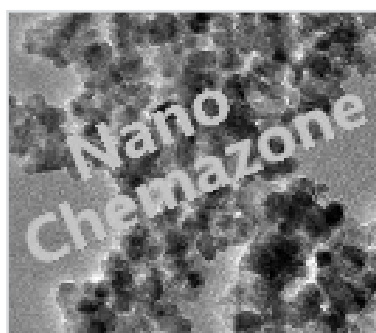
Alumina Nanoparticles Powder

Chemical Name:	Aluminum Oxide
Purity:	> 99.99%
APS:	200 nm
Form:	Nanopowder
Product Number:	NCZ2201
CAS Number:	1344-28-1

Product:	Antimony Trioxide Nano powder
Purity:	99.9%
APS:	80 nm (customization available)
CAS Number:	1309-64-4
Formula:	Sb ₂ O ₃
Density:	5.2g/cm ³



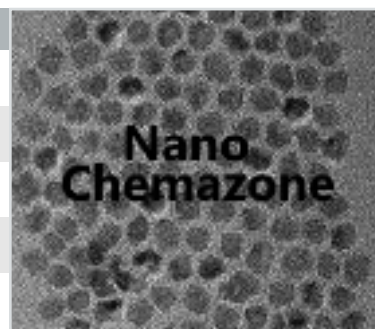
Antimony Oxide Nanoparticles



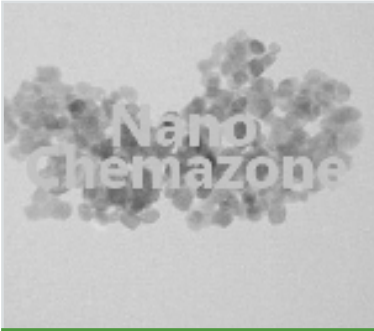
Antimony Tin Oxide Nanoparticles

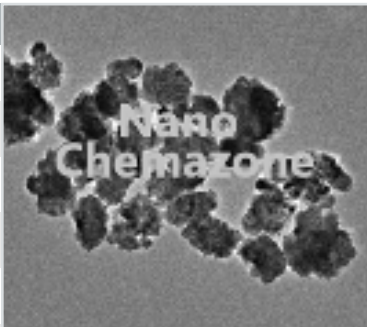
Chemical Name:	Antimony Tin Oxide
Purity:	>99.99%
APS:	10 nm (Size Customization possible)
Form:	Nanopowder/NanoDispersion
Product Number:	NCZ501
CAS Number:	128221-48-7

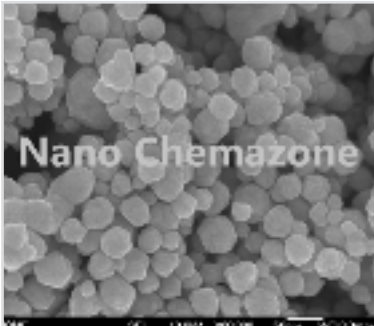
Chemical Name:	Barium Dodecairon Nonadecaoxide
Purity:	> 99.99%
APS:	100 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ601
CAS Number:	12047-11-9

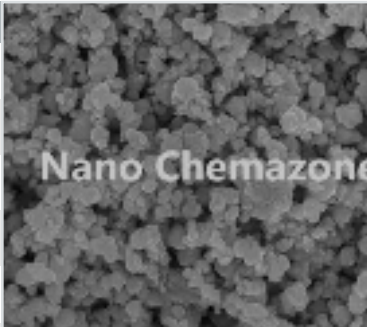


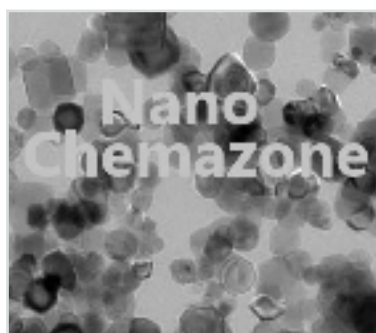
Barium Iron Oxide Nanoparticles

	Chemical Name:	Barium Sulfate
	Purity:	> 99.99%
	APS:	200-500 nm (Size Customization possible)
	Form:	Nanopowder
	Product Number:	NCZ701
Barium Sulfate (BaSO ₄) Nanoparticles	CAS Number:	7727-43-7

Chemical Name:	Barium Titanate	
Purity:	> 99.99%	
APS:	100 nm (Size Customization possible)	
Form:	Nanopowder	
Product Number:	NCZ801	
CAS Number:	12047-27-7	Barium Titanate

	Product:	Bismuth Nanopowder
	CAS:	7429-90-5
	Purity:	99.9%
	APS:	< 100 nm (customization available)
	Melting Point:	271 °C
Bismuth Nanopowder	Boiling Point:	143.-1560 °C

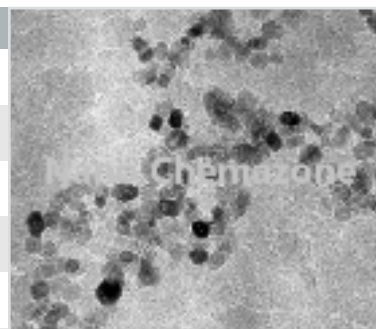
Product:	Bismuth Oxide Nanoparticles	
Formula:	Bi ₂ O ₃	
CAS:	1304-76-3	
Purity:	99.9%	
APS:	80 nm (customization available)	
Morphology:	Spherical	Bismuth Oxide Nanopowder



Boron Carbide nanoparticles

Chemical Name:	Boron carbide nanoparticles
Purity:	> 99.99%
APS:	80 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ901
CAS Number:	12069-32-8

Product:	Boron Nanoparticles
CAS:	7440-42-8
Purity:	99.9%
APS:	80 nm (customization available)
Melting Point:	2400 °C
Boiling Point:	2700 °C



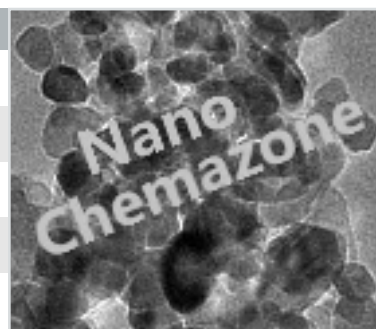
Boron Nanoparticles



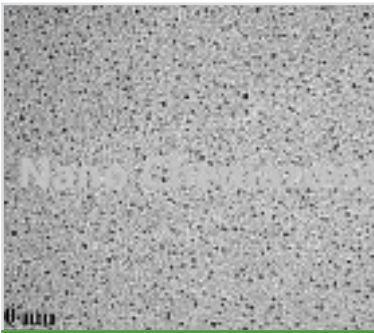
Boron nitride nanoparticles

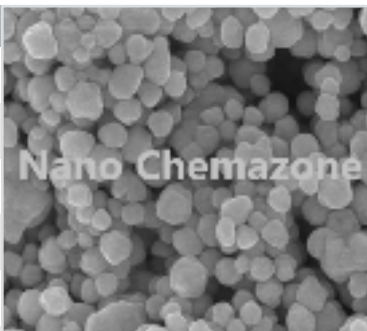
Chemical Name:	Boron nitride nanoparticles
Purity:	> 99.99%
APS:	50 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ1001
CAS Number:	10043-11-5

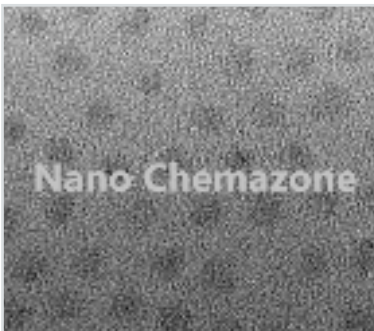
Chemical Name:	Boron Oxide Nanoparticles
Purity:	> 99.9%
APS:	50 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ1101
CAS Number:	1303-86-2

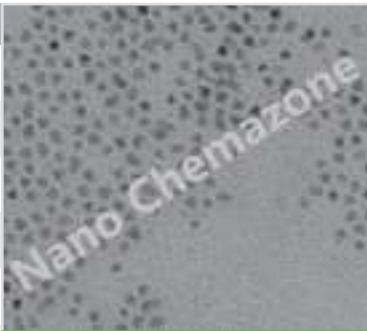


Boron Oxide Nanoparticles

		
	Product:	Cadmium Nanoparticles
	CAS:	7440-43-9
	Purity:	99.9 %
	APS:	60-80 nm (customization available)
	Form:	Powder
Cadmium Nanoparticles	Colour:	Grey

		
Product:	Cadmium Oxide Nanoparticles	
CAS:	1306-19-0	
Purity:	99.5%	
APS:	20-30 nm (customization available)	
Melting Point:	1427 °C	
Boiling Point:	1559 °C	Cadmium Oxide Nanoparticles

		
	Product:	Cadmium Selenide Nanoparticles
	CAS:	1306-24-7
	Purity:	99.5%
	APS:	10 nm (customization available)
	Melting Point:	1240 °C
Cadmium Selenide Nanoparticles	Boiling Point:	1510 °C

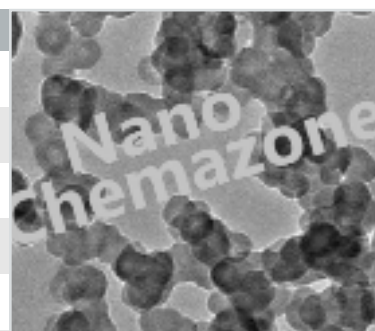
		
Product:	Cadmium Sulfide Nanopowder	
CAS:	1306-23-6	
Purity:	99.9%	
APS:	40 nm (customization available)	
Melting Point:	1750 °C	
Boiling Point:	980 °C	Cadmium Sulfide Nanoparticles



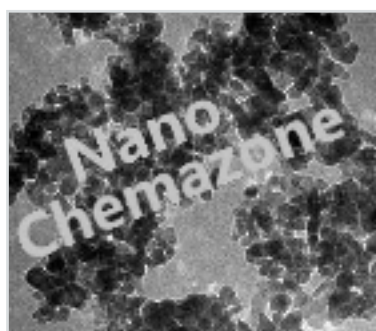
Calcium Carbonate Nanoparticles Powder

Chemical Name:	Calcium carbonate
Purity:	> 99.99%
APS:	20 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ1201
CAS Number:	471-34-1

Chemical Name:	Carbon
Purity:	> 99.99%
APS:	20 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ1301
CAS Number:	7440-44-0



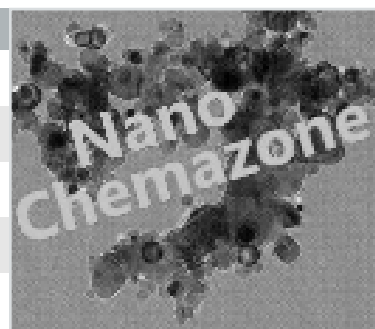
Carbon Nanopowder



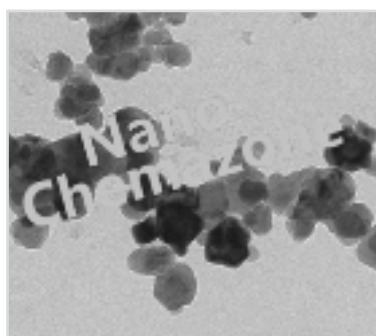
Cerium Oxide Nanoparticles

Chemical Name:	Cerium Oxide
Purity:	>99.99%
APS:	20 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ1701
CAS Number:	1306-38-3

Chemical Name:	Chromium Carbide
Purity:	> 99.99%
APS:	100 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ1501
CAS Number:	12012-35-0



Chromium Carbide Nanoparticles



Chromium Nanoparticles

Chemical Name:	Chromium
Purity:	> 99.99%
APS:	20-50 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ1401
CAS Number:	7440-47-3

Chemical Name:	Chromium Oxide
Purity:	> 99.99%
APS:	50 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ1601
CAS Number:	1308-38-9



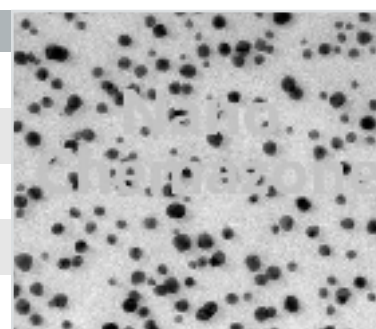
Chromium Oxide Nanopowder



Cobalt Ferrite Nanoparticles

Chemical Name:	Cobalt Iron Oxide/Cobalt Ferrite Nanoparticles
Purity:	>99.99%
APS:	30 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ1901
CAS Number:	12052-28-7

Chemical Name:	Cobalt
Purity:	> 99.99%
APS:	20 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ1801
CAS Number:	7440-48-4



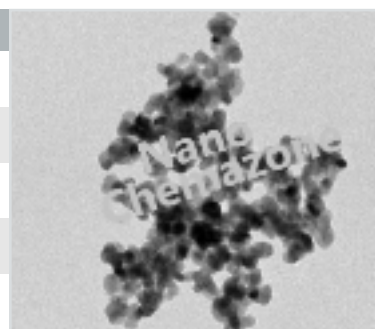
Cobalt Nanoparticles



Copper Nanoparticles

Chemical Name:	Copper Nanoparticles
Purity:	> 99.99%
APS:	25 nm (Size Customization possible)
Form:	Nanopowder/Dispersion
Product Number:	NCZ2101
CAS Number:	7440-50-8

Chemical Name:	Copper Oxide
Purity:	> 99.99%
APS:	30-50 nm (Size Customization possible)
Form:	Nanopowder/Dispersion
Product Number:	NCZ2301
CAS Number:	1317-38-0



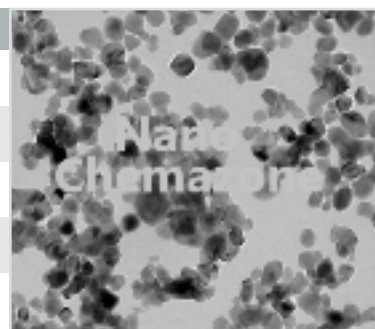
Copper oxide nanoparticles



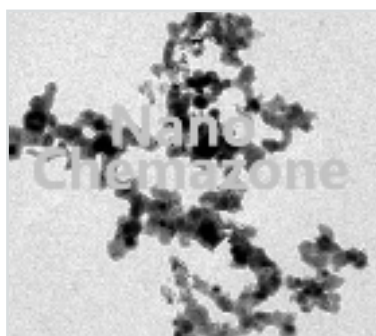
Diamond Nanoparticles

Chemical Name:	Carbon Diamond, Nano-Diamond
Purity:	>99.99%
APS:	6 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ2401
CAS Number:	7782-40-3

Chemical Name:	Dysprosium Oxide
Purity:	> 99.99%
APS:	20 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ2501
CAS Number:	1308-87-8



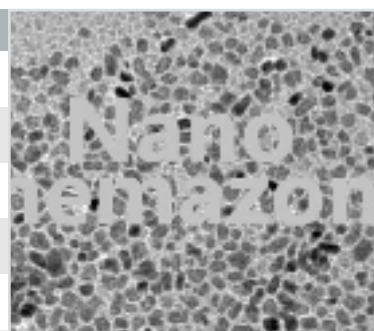
Dysprosium Oxide Nanoparticles



Erbium Oxide Nanoparticles

Chemical Name:	Erbium Oxide
Purity:	> 99.99%
APS:	20 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ2601
CAS Number:	12061-16-4

Chemical Name:	Europium Oxide
Purity:	> 99.99%
APS:	25 nm (Size Customization possible)
Form:	Nanopowder/Dispersion
Product Number:	NCZ2701
CAS Number:	1308-96-9



Europium Oxide Nanoparticles



Gadolinium Oxide Nanoparticles

Chemical Name:	Gadolinium Oxide
Purity:	>99.99%
APS:	50 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ2801
CAS Number:	12064-62-9

Chemical Name:	Gold Nanoparticles
Purity:	> 99.99%
APS:	30-40 nm (Size Customization possible)
Form:	Nanopowder/Dispersion
Product Number:	NCZ2901
CAS Number:	7440-57-5



Gold Nanoparticles



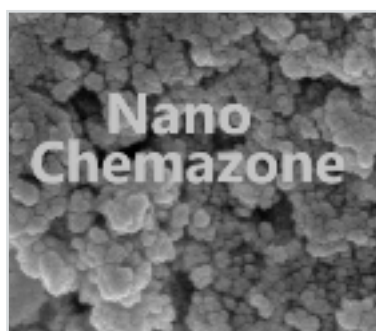
Graphene Nanoplatelets

Chemical Name:	Graphene Nanoplatelets
Purity:	> 99.99%
APS:	5-10 μm , 20-50 layers (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ3001
CAS Number:	99685-96-8

Chemical Name:	Graphite
Purity:	> 99.99%
APS:	APS 80 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ3101
CAS Number:	7782-42-5



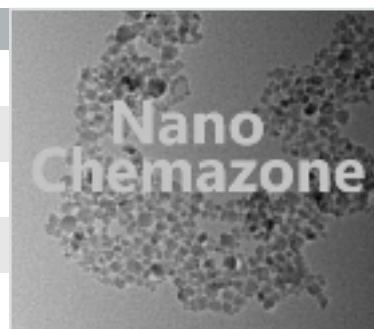
Graphite nanoparticles



Hafnium Oxide Nanoparticles

Chemical Name:	Hafnium Oxide
Purity:	\geq 99.99%
APS:	50-100 (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ3201
CAS Number:	12055-23-1

Chemical Name:	Indium Hydroxide
Purity:	> 99.99%
APS:	55 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ3301
CAS Number:	20661-21-6



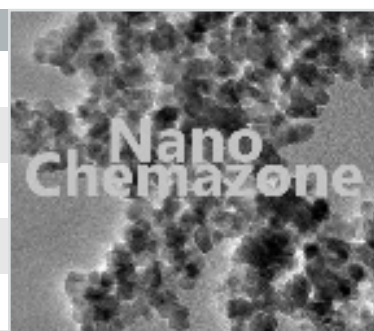
Indium Hydroxide Nanoparticles



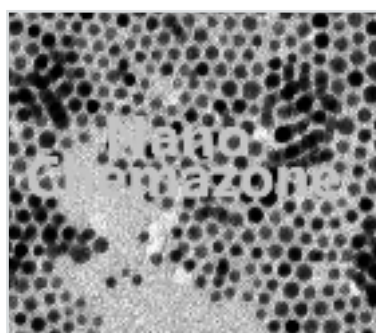
Indium Oxide Nanoparticles

Chemical Name:	Indium Oxide
Purity:	> 99.99%
APS:	60 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ3501
CAS Number:	1312-43-2

Chemical Name:	Indium Tin Oxide
Purity:	> 99.99%
APS:	50 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ3301
CAS Number:	20661-21-6



Indium Tin Oxide ITO Nanoparticles



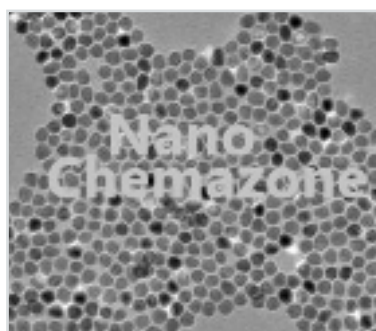
Iron Nanoparticles

Chemical Name:	Iron
Purity:	≥ 99.99%
APS:	25 nm (Size Customization possible)
Form:	Nanopowder/Dispersion
Product Number:	NCZ3601
CAS Number:	7439-89-6

Chemical Name:	Iron Oxide Hydroxide
Purity:	> 99.99%
APS:	100 nm (Size Customization possible)
Form:	Nanopowder and Rod Shape (100×700 nm)
Product Number:	NCZ3801
CAS Number:	20344-49-4



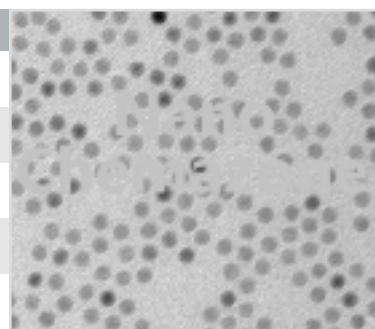
Iron Oxide Hydroxide Goethite Nanoparticles



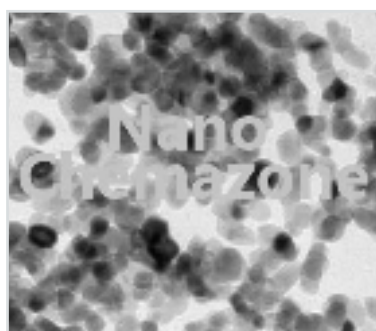
Iron oxide nanoparticles

Chemical Name:	Iron Oxide
Purity:	> 99.99%
APS:	60 nm (Size Customization possible)
Form:	Nanopowder and Rod Shape
Product Number:	NCZ3702
CAS Number:	1309-37-1

Chemical Name:	Iron Oxide
Purity:	> 99.99%
APS:	80 nm (Size Customization possible)
Form:	Nanopowder and Rod Shape
Product Number:	NCZ3701
CAS Number:	1309-37-1



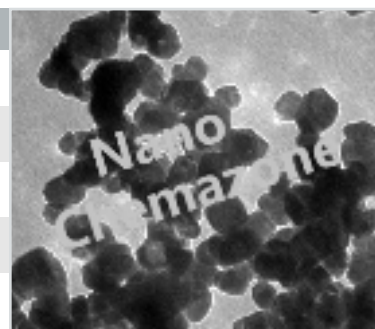
Iron oxide nanoparticles powder



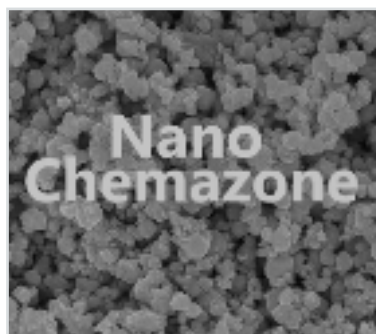
Lanthanum Oxide Nanoparticles

Chemical Name:	Lanthanum Oxide Nanoparticles
Purity:	$\geq 99.99\%$
APS:	80 nm (Size Customization possible)
Form:	Spherical Nanopowder as well Rod Shape
Product Number:	NCZ3901
CAS Number:	1312-81-8

Chemical Name:	Magnesium Hydroxide
Purity:	> 99.99%
APS:	80 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ4001
CAS Number:	1309-42-8



Magnesium Hydroxide Nanoparticles



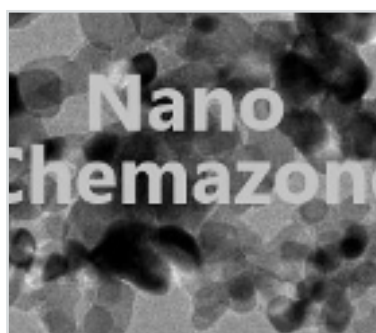
Magnesium Oxide Nanoparticles

Chemical Name:	Magnesium Oxide Nanoparticles
Purity:	> 99.99%
APS:	70 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ4101
CAS Number:	1317-35-7

Chemical Name:	Molybdenum
Purity:	> 99.99%
APS:	50 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ4301
CAS Number:	7439-98-7



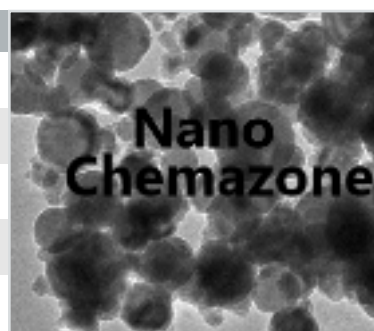
Molybdenum Nanoparticles



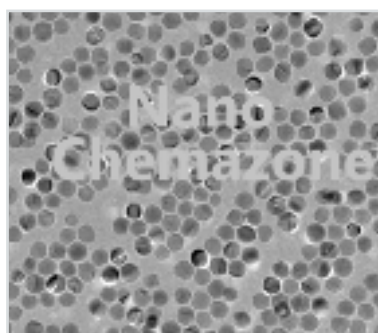
Molybdenum Oxide Nanoparticles

Chemical Name:	Molybdenum Oxide
Purity:	≥ 99.99%
APS:	50 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ4401
CAS Number:	1313-27-5

Chemical Name:	Neodymium Oxide
Purity:	> 99.99%
APS:	20 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ4501
CAS Number:	1313-97-9



Neodymium Oxide Nanoparticles



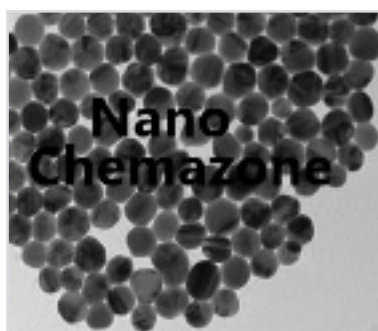
Nickel Nanoparticles

Chemical Name:	Nickel
Purity:	> 99.99%
APS:	50 nm (Size Customization possible)
Form:	Nanopowder/Dispersion
Product Number:	NCZ4601
CAS Number:	7440-02-0

Chemical Name:	Nickel oxide
Purity:	> 99.99%
APS:	50 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ4701
CAS Number:	1313-99-1



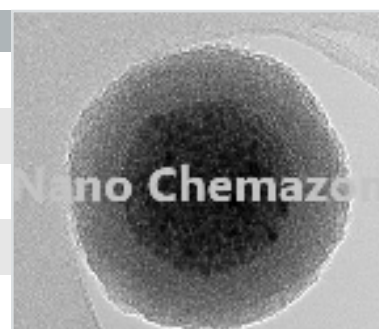
Nickel oxide nanoparticles



Platinum Nanoparticles

Chemical Name:	Platinum
Purity:	≥ 99.99%
APS:	20 nm (Size Customization possible)
Form:	Nanopowder/Dispersion
Product Number:	NCZ4801
CAS Number:	7440-06-4

Product:	Aluminium Nano powder Silica Coated
CAS:	7429-90-5
Purity:	99.9%
APS:	< 100 nm (customization available)
Color:	White
Silica Coating Thickness:	10-15 nm (customization available)



Silica Coated Aluminium Nano powder



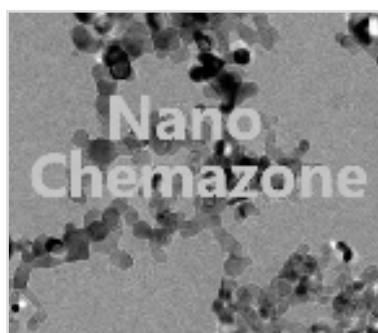
Silicon carbide nanoparticles Alpha

Chemical Name:	Silicon carbide Alpha
Purity:	> 99.99%
APS:	50 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ5001
CAS Number:	409-21-2

Chemical Name:	Silicon carbide beta
Purity:	> 99.99%
APS:	50 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ5002
CAS Number:	409-21-2



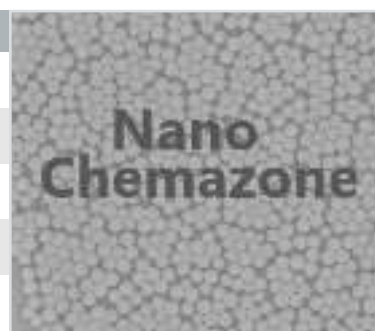
Silicon carbide nanoparticles Beta



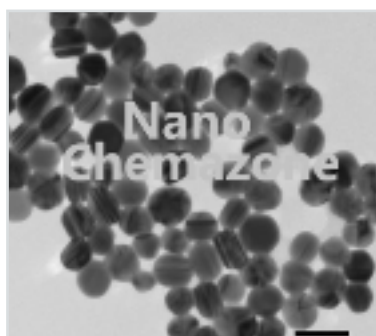
Silicon nitride nanoparticles powder

Chemical Name:	Silicon nitride
Purity:	≥ 99.99%
APS:	50 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ5101
CAS Number:	12033-89-5

Chemical Name:	Silicon Oxide (Silica, Silicon dioxide, quartz)
Purity:	> 99.99%
APS:	20 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ4901
CAS Number:	7631-86-9



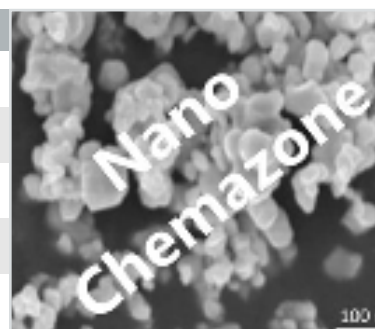
Silicon Oxide Nanoparticles



Silver Nanoparticles

Chemical Name:	Silver
Purity:	> 99.99%
APS:	50 nm (Size Customization possible)
Form:	Nanopowder/Dispersion
Product Number:	NCZ5201
CAS Number:	7440-22-4

FORM:	POWDER
Molecular Weight:	194.95 g/mol
APS:	80-100 nm
Density:	14.30 g/ml
Molecular Formula:	TaN
CAS:	12033-62-4



Tantalum Nitride Nanoparticles



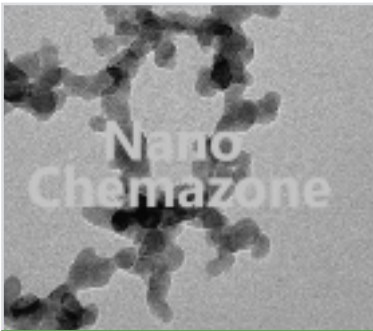
Tin nanoparticles powder


Chemical Name:	Tin
Purity:	≥ 99.99%
APS:	50 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ5301
CAS Number:	7440-31-5

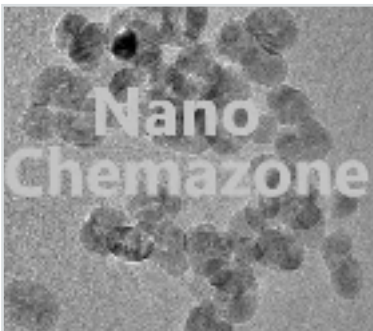
Chemical Name:	Tin Oxide
Purity:	> 99.99%
APS:	50 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ5401
CAS Number:	18282-10-5

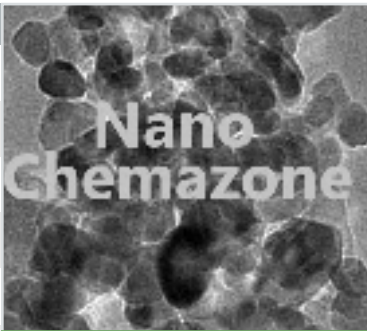


Tin Oxide nanoparticles powder

		
	Chemical Name:	Titanium
	Purity:	> 99.99%
	APS:	60 nm (Size Customization possible)
	Form:	Nanopowder/Dispersion
	Product Number:	NCZ5501
Titanium Nanoparticles	CAS Number:	7440-32-6

		
Chemical Name:	Titanium Oxide Anatase	
Purity:	> 99.99%	
APS:	20 nm (Size Customization possible)	
Form:	Nanopowder	
Product Number:	NCZ5601	
CAS Number:	1317-70-0	Titanium oxide nanoparticles Anatase

		
	Chemical Name:	Titanium Oxide Rutile Phase
	Purity:	≥ 99.99%
	APS:	20 nm (Size Customization possible)
	Form:	Dried Nanopowder/Dispersion
	Product Number:	NCZ5602
Titanium oxide nanoparticles Rutile	CAS Number:	1317-80-2

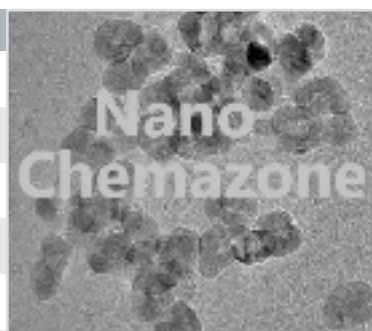
		
Chemical Name:	Tungsten Carbide Cobalt	
Purity:	> 99.99%	
APS:	80 nm (Size Customization possible)	
Form:	Nanopowder	
Product Number:	NCZ5801	
CAS Number:	12070-12-1	Tungsten Carbide Cobalt Nanoparticles



Tungsten nanoparticles

Chemical Name:	Tungsten
Purity:	> 99.99%
APS:	25 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ5701
CAS Number:	7440-33-7

Chemical Name:	Tungsten Oxide
Purity:	> 99.99%
APS:	50 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ5901
CAS Number:	1314-35-8



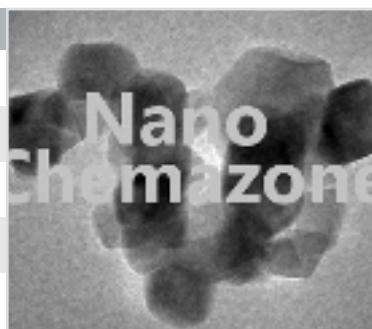
Tungsten Oxide Nanoparticles



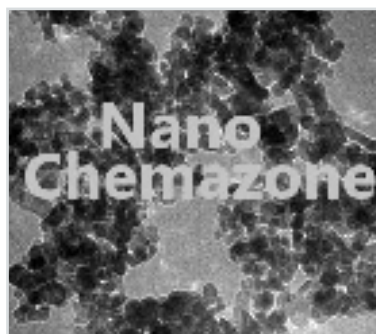
Ytterbium Fluoride Nanoparticles

Chemical Name:	Ytterbium Fluoride
Purity:	> 99.99%
APS:	50 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ6101
CAS Number:	13860-80-0

Chemical Name:	Yttrium Oxide
Purity:	> 99.99%
APS:	30 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ6001
CAS Number:	1314-36-9



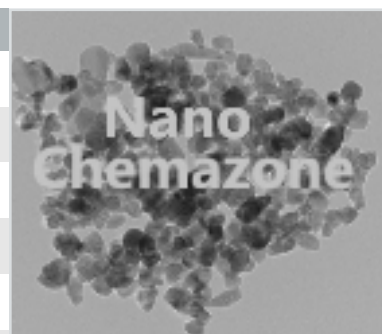
Tungsten Carbide Cobalt Nanoparticles



Zinc Nanopowder/Nanoparticles

Chemical Name:	Zinc
Purity:	> 99.99%
APS:	20 nm, 40 nm, 80 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ6201
CAS Number:	7440-66-6

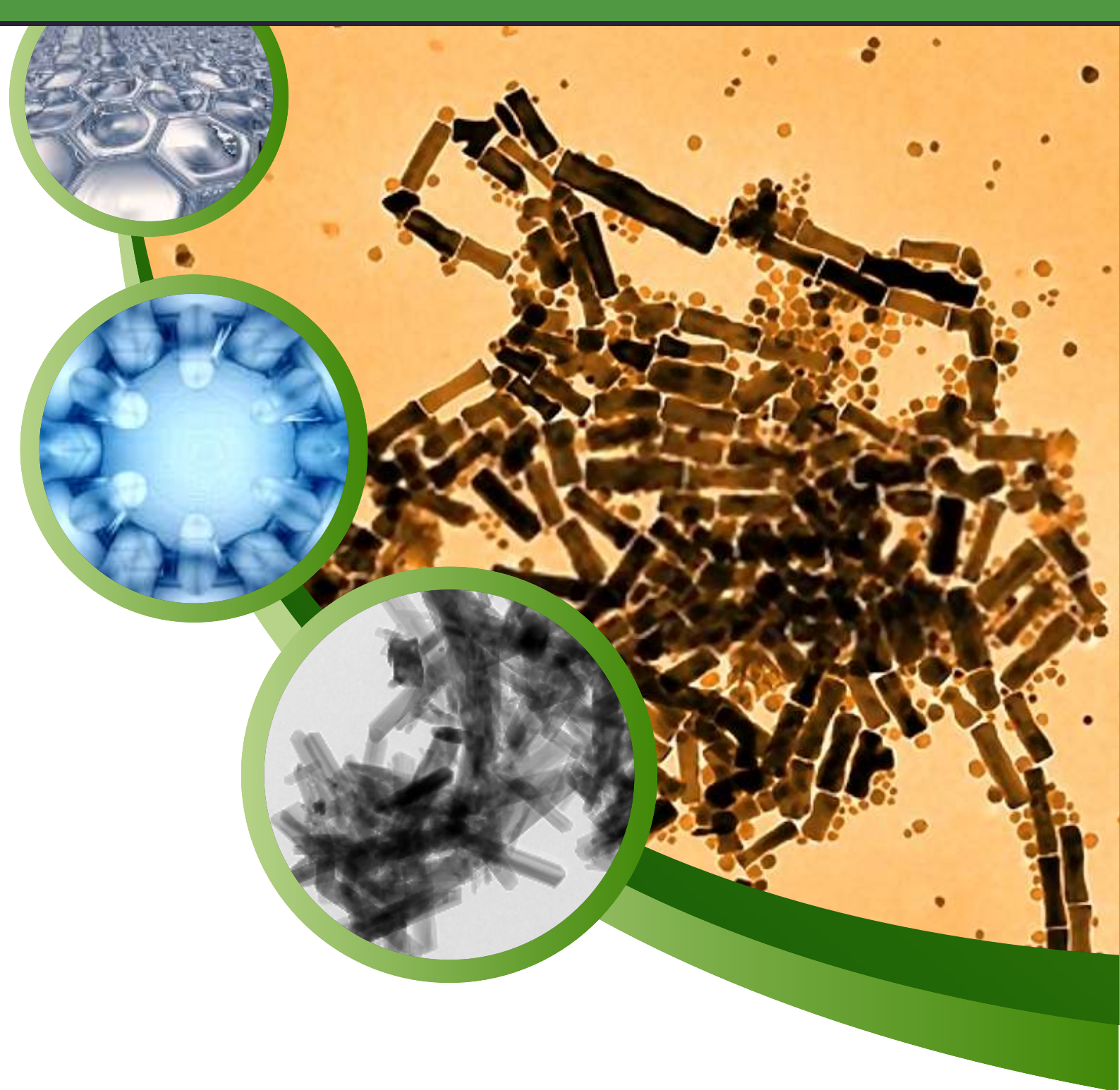
Chemical Name:	Zinc oxide
Purity:	> 99.99%
APS:	20 nm (Size Customization possible)
Form:	Nanopowder
Product Number:	NCZ4701
CAS Number:	1314-13-2



Zinc Oxide Nanoparticles

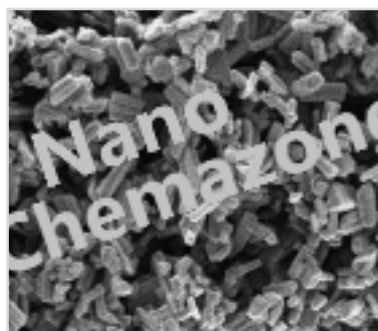
RARE EARTH ELEMENTS

Product Name	Product Name
Cerium Micron Powder	Lutetium Micron Powder
Cerium Oxide Micron Powder	Lutetium Oxide Micron Powder
Cerium Oxide Nanopowder/Nanoparticles	Neodymium Micron Powder
Dysprosium Micron Powder	Neodymium Oxide Micron Powder
Dysprosium Oxide Micron Powder	Neodymium Oxide Nanopowder/Nanoparticles
Dysprosium Oxide Nanopowder/Nanoparticles	Praseodymium Micron Powder
Erbium Micron Powder	Praseodymium Oxide Micron Powder
Erbium Oxide Micron Powder	Praseodymium Oxide Nanopowder/Nanoparticles
Erbium Oxide Nanopowder/Nanoparticles	Samarium Micron Powder
Europium Micron Powder	Samarium Oxide Micron Powder
Europium Oxide Micron Powder	Samarium Oxide Nanopowder/Nanoparticles
Europium Oxide Nanopowder/Nanoparticles	Scandium Micron Powder
Gadolinium Micron Powder	Scandium Oxide Micron Powder
Gadolinium Oxide Micron Powder	Terbium Micron Powder
Gadolinium Oxide Nanopowder/Nanoparticles	Terbium Oxide Micron Powder
Holmium Micron Powder	Terbium Oxide Nanopowder/Nanoparticles
Holmium Oxide Micron Powder	Thulium Micron Powder
Lanthanum Micron Powder	Thulium Oxide Micron Powder
Lanthanum Aluminate Powder Micron and Nano Size	Ytterbium Micron Powder
Lanthanum Hexaboride Micron Powder	Yttrium Micron Powder
Lanthanum Oxide Micron Powder	Yttrium Aluminate Nanopowder/Nanoparticles
Lanthanum Oxide Nanopowder/Nanoparticles	Yttrium Oxide Micron Powder
Lanthanum Trifluoride Nanopowder/Nanoparticles	Yttrium Oxide Nanopowder/Nanoparticles



NANORODS

In nanotechnology, nanorods are one morphology of nanoscale objects. Each of their dimensions range from 1–100 nm. They may be synthesized from metals or semiconducting materials. Standard aspect ratios (length divided by width) are 3-5. Nanorods are produced by direct chemical synthesis. A combination of ligands act as shape control agents and bond to different facets of the nanorod with different strengths. This allows different faces of the nanorod to grow at different rates, producing an elongated object.



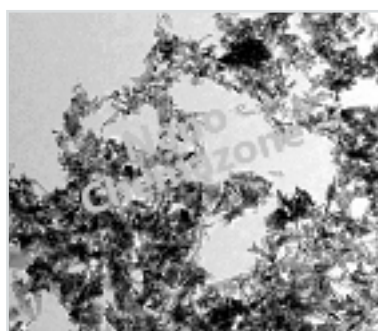
Manganese Oxide Nanorods

Chemical Name:	Manganese Oxide Nanorods
Purity:	> 99.99%
Diameter:	30-50 nm (Customization is possible)
Form:	Nanorod
Product Number:	NCZR104
CAS Number:	1313-13-9

Product:	Titanium Dioxide Nanorods
Diameter:	20-40 nm (customization available)
CAS Number:	13463-67-7
Formula:	TiO ₂
Density:	4.23g/cm ³
Form:	Powder/Dispersion



Titanium Dioxide Nanorods



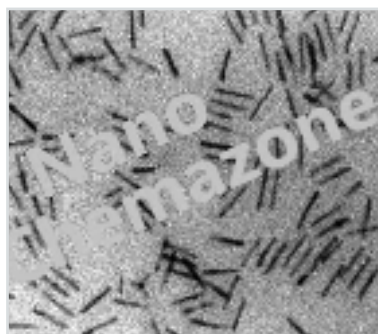
Tungsten Oxide Nanorods

Chemical Name:	Tungsten Oxide Nanorods
Purity:	> 99.99%
Diameter:	40-60 nm (Customization is possible)
Form:	Nanorod
Product Number:	NCZR103
CAS Number:	1314-35-8

Product Name:	Vanadium Oxide Nanorods
CAS Number:	1314-62-1
APS:	300 nm x 20 nm (Customization is possible)
Purity:	> 99.9%
Form:	Powder
Density:	3.3 g/cm ³



Vanadium Oxide Nanorods



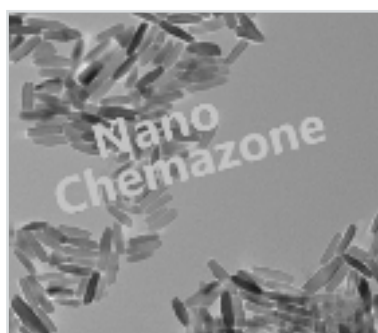
Cadmium Selenide Nanorods

Product Name:	Cadmium Selenide Nanorods
CAS:	1306-24-7
Purity:	> 99.99%
Diameter:	< 5 nm (Customization is possible)
Molecular formula:	CdSe
Molecular weight:	191.39 g/mol

Chemical Name:	Gold Nanorods
Purity:	> 99.99%
Diameter:	100 nm (Customization is possible)
Form:	Nanorod
Product Number:	NCZR102
CAS Number:	7440-57-5



Gold Nanorods



Iron Hydroxide Nanorods

Chemical Name:	Iron hydroxide Nanorods
Purity:	> 99.99%
Diameter:	30-50 nm (Customization is possible)
Form:	Nanorod
Product Number	NCZR106
CAS Number:	20344-49-4

Product Name:	Iron Oxide Nano Rods
CAS Number:	1309-37-1
Formula:	Fe ₂ O ₃
Purity:	≥ 99%
Diameter:	30~100 nm (customization available)
Length:	400~700 nm (customization available)



Iron Oxide Nanorods



NANOWIRES

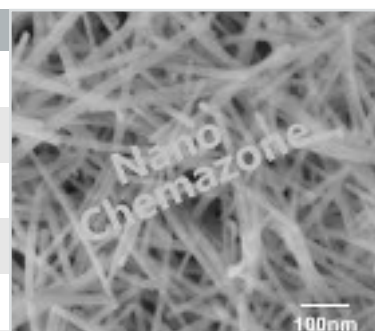
A nanowire is a nanostructure, with the diameter of the order of a nanometer. It can also be defined as the ratio of the length to width being greater than 1000. Alternatively, nanowires can be defined as structures that have a thickness or diameter constrained to tens of nanometers or less and an unconstrained length. At these scales, quantum mechanical effects are important—which coined the term "quantum wires". Many different types of nanowires exist, including superconducting, metallic, semiconducting and insulating. Molecular nanowires are composed of repeating molecular units either organic or inorganic.



Aluminium Oxide Nanowires

MF:	Al ₂ O ₃
Chemical Name:	Aluminium Oxide Nanowires
Purity:	> 99.99%
Form:	Nanowire
Product Number:	NCZW102
CAS Number:	1344-28-1

Chemical Formula:	Al ₂ O ₃
Product Name:	Aluminium oxide nanowires
CAS Number:	1344-28-1
Density:	3.987g/cm ³
Melting point:	2,072°C
Boiling Point:	78.24°C



Coating and membrane Grade
Aluminum oxide nanowires



Coating and Membrane Grade
Titanium Oxide Nanowires

Chemical Formula:	TiO ₂
Molar mass:	79.866 g/mol
Density:	4.23g/cm ³
Melting Point:	1,843°C
Boiling Point:	1,843°C
CAS Number:	13463-67-7

Chemical Name:	Cobalt Nanowires
Purity:	> 99.99%
Diameter:	200-300 nm
Form:	Nanowire
Product Number:	NCZW103
CAS Number:	7440-48-4



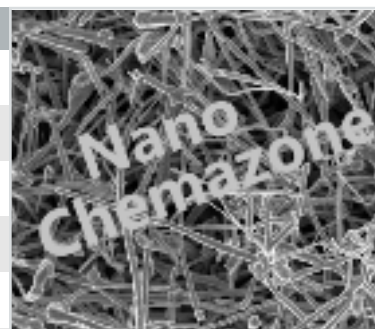
Cobalt Nanowires



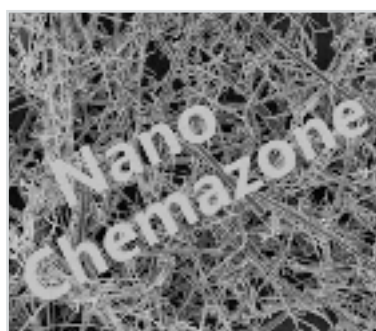
Copper Hydroxide Nanowires

Chemical Formula:	$\text{Cu}(\text{OH})_2$
Molar Mass:	97.561 g/mol
Density:	3.368 g/cm ³
Melting point:	80°C
CAS Number:	20427-59-2
Diameter:	10 nm (customization available)

Chemical Name:	Copper Nanowires
Purity:	> 99.99%
Diameter:	40-50 nm
Form:	Nanowire
Product Number:	NCZW105
CAS Number:	7440-50-8



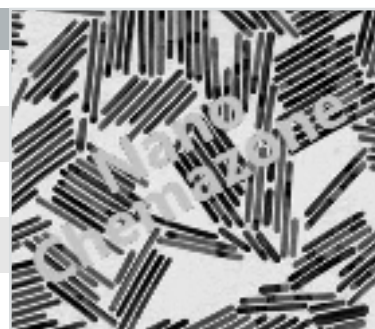
Copper Nanowire



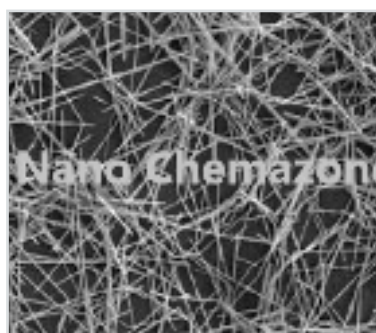
Copper Nanowires

Chemical Formula:	Copper Nanowires
Purity:	> 99.99%
Diameter:	100-200 nm (Customization is possible)
Form:	Nanowire
Product Number:	NCZW104
CAS Number:	7440-50-8

Chemical Name:	Gold Nanowires
Purity:	> 99.99%
Diameter:	10 nm (Customization is possible)
Form:	Nanowire
Product Number:	NCZW106
CAS Number:	7440-57-5



Gold Nanowire



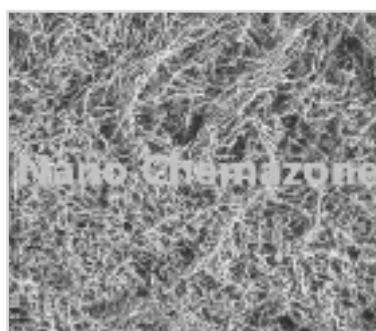
Highly Conducting Silver Nanowire

Product:	Highly Conducting Silver Nanowire
Formula:	Ag
Melting Point:	1234.93 K
Boiling point:	2,435 K
Density:	10.49 g/cm ³
Diameter:	25 nm (customization available)

Product:	Hydroxyapatite Nanowire
Formula:	Ca ₅ (PO ₄) ₃ (OH)
Formula Mass:	502.31g/mol
Crystal System:	Hexagonal
Diameter:	40 nm (customization available)
length:	20 μm (customization available)



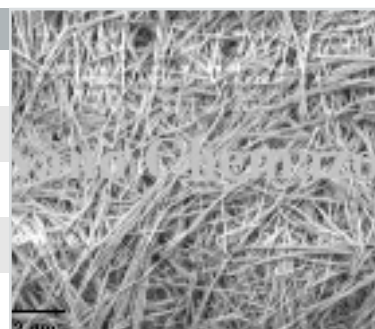
Hydroxyapatite Nanowire



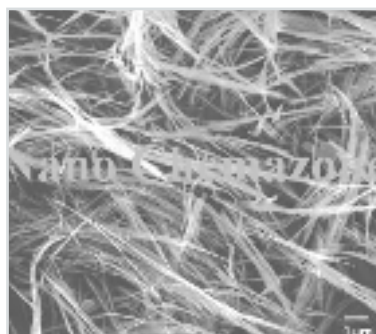
Iron Nanowires

Product:	Iron Nanowires
Chemical Formula:	Fe
Atomic Number:	26
Density:	7.874g/cm ³
CAS Number:	7439-89-6
Diameter:	80 nm (customization available)

Chemical Name:	Fe ₂ O ₃
CAS Number:	1309-37-1
Density:	5.242g/cm ³
Crystal Structure:	Rhombohedral
Heat Capacity:	103.9 J/mol-K
Diameter:	50 nm (customization available)



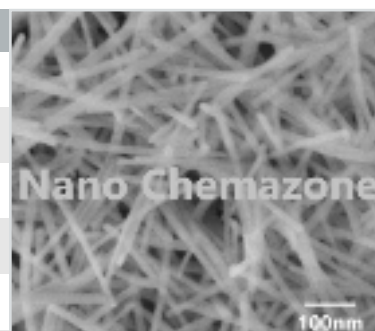
Iron oxide Nanowires



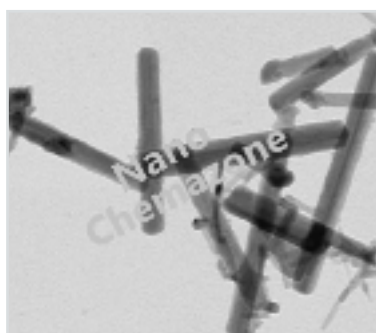
Iron Oxyhydroxide Nanowires

Product:	Iron Oxyhydroxide Nanowire
Formula:	FeOOH
CAS Number:	1310-14-1
Density:	4.25 g/cm ³
Diameter:	50 nm (customization available)
Length:	10 nm (customization available)

Product:	Lanthanum Oxide Nanowires
CAS Number:	1312-81-8
Chemical Formula:	La ₂ O ₃
Molar Mass:	325.809g/mol
Density:	6.51g/cm ³
Crystal Structure:	Hexagonal



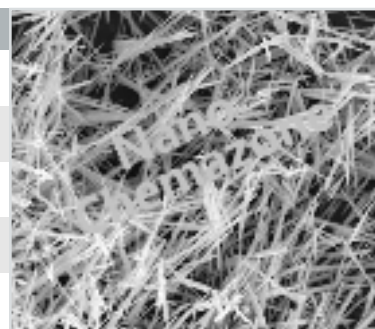
Lanthanum Oxide Nanowires



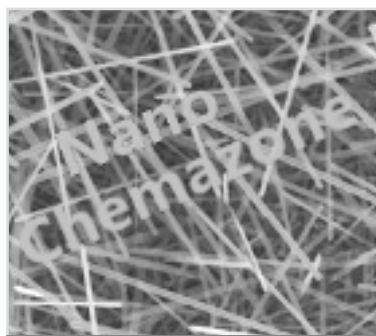
Lead Nanowires

Chemical Formula:	Lead Nanowires
Purity:	> 99.99%
Diameter:	80±20 nm
Form:	Nanowire
Product Number:	NCZW107
CAS Number:	7439-92-1

Chemical Name:	Lead Titanate Nanowire
Purity:	> 99.99%
Diameter:	~ 40 nm (Customization is possible)
Form:	Nanowire
Product Number:	NCZW108
CAS Number:	12060-00-3



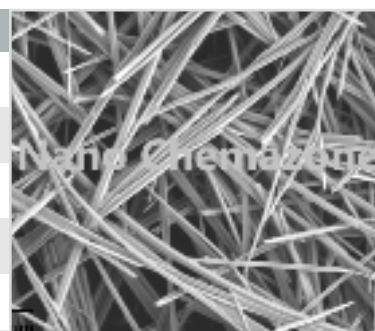
Lead Titanate Nanowires



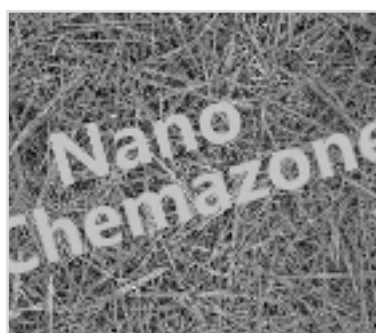
Lead Zirconate Titanate Nanowire

Chemical Name:	Lead Zirconate Titanate Nanowire
Purity:	> 99.99%
Diameter:	~ 40 nm (Customization is possible)
Form:	Nanowire Powder/Dispersion
Product Number:	NCZW109
CAS Number:	12626-81-2

Product:	Magnesium Oxide nanowire
CAS Number:	1309-48-4
Chemical Formula:	MgO
Molar Mass:	40.304g/mol
Density:	3.6g/cm ³
Crystal Structure:	Halite



Magnesium Oxide Nanowire



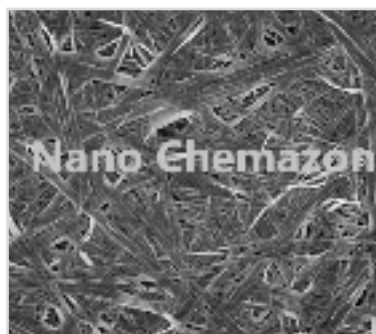
Manganese Oxide Nanowires

Chemical Formula:	Manganese Oxide Nanowires
Purity:	> 99.99%
Diameter:	~ 40 nm (Customization is possible)
Form:	Nanowire
Product Number:	NCZW110
CAS Number:	1313-13-9

Product:	Manganese Tungstate Nanowire
Compound Formula:	MnO ₄ W
CAS No.:	14177-46-9
Molecular Weight:	302.78
Density:	7.23g/cm ³
Diameter:	30 nm (customization available)



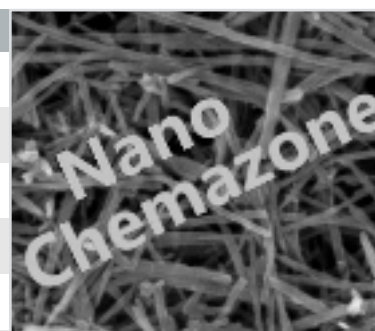
Manganese Tungstate Nanowire



Nickel Hydroxide Nanowire

Product:	Nickel Hydroxide nanowire
Chemical Formula:	$\text{Ni}(\text{OH})_2$
CAS Number:	12054-48-7
Molar mass:	92.724 g/mol
Density:	4.10g/cm^3
Crystal Structure:	Hexagonal

Chemical Name:	Nickel Nanowires
Purity:	> 99.99%
Diameter:	200-300 nm (Customization is possible)
Form:	Nanowire
Product Number:	NCZW111
CAS Number:	7440-02-0



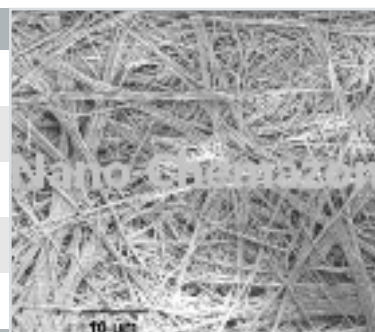
Nickel Nanowires



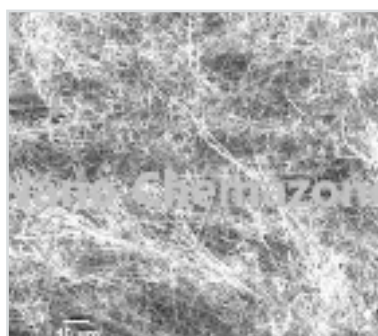
Nickel Oxide Nanowire

Formula:	NiO
CAS Number:	1313-99-1
Purity:	≥99%
Diameter:	20 nm (customization available)
Molar Mass:	74.6928 g/mol
Density:	6.67 g/cm^3

Product:	Potassium Trimolybdate
Formula:	$\text{K}_2\text{Mo}_3\text{O}_{10} \cdot 0.3\text{H}_2\text{O}$
Stock No.:	NCZNW114-19
Diameter:	120 nm (customization available)
Length:	50 μm (customization available)



Potassium Trimolybdate Nanowire



Silicon Carbide Nanowire

Product:	Silicon Carbide Nanowire
CAS Number:	409-21-2
Chemical Formula:	SiC
Molar mass:	40.10 g/mol
Density:	3.16 g/cm ³
Diameter:	350 nm (customization available)

Chemical Name:	Silicon Nanowires
Purity:	> 99.99%
Diameter:	40-50 nm (Customization is possible)
Form:	Nanowire
Product Number:	NCZW112
CAS Number:	7440-21-3



Silicon Nanowire on Silicon Wafer Substrate



Silver Nanowires

Chemical Formula:	Silver Nanowires
Purity:	> 99.99%
Diameter:	40-50 nm (Customization is possible)
Form:	Nanowires Dispersion/Powder/Paste
Product Number:	NCZW101
CAS Number:	7440-22-4

Product:	Sodium Ammonium Tri Molybdate Nanowire
Chemical Formula:	NaNH ₄ Mo ₃ O ₁₀
Stock No.:	NCZNW117-19
Diameter:	80 nm (customization available)
Length:	50 μm (customization available)



Sodium Ammonium Tri Molybdate Nanowires



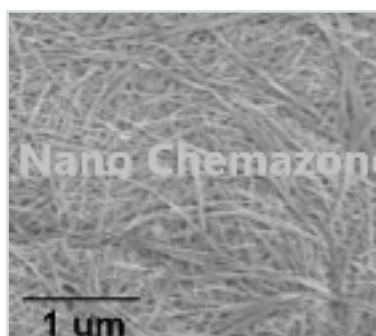
Tellurium Nanowire

Product:	Tellurium Nanowire
Formula:	Te
Melting Point:	722.66K
Boiling Point:	1261K
Density:	6.24 g/cm ³
Diameter:	20 nm (customization available)

Chemical Name:	Titanium Dioxide Nanowire
Purity:	> 99.99%
Diameter:	50-100 nm (Customization is possible)
Form:	Nanowire
Product Number:	NCZW119
CAS Number:	13463-67-7



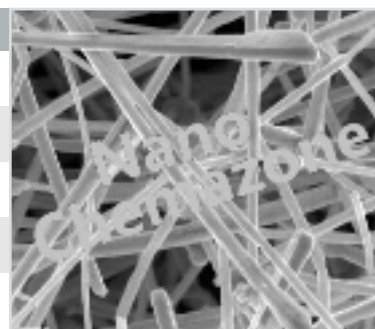
Titanium Dioxide Nanowire



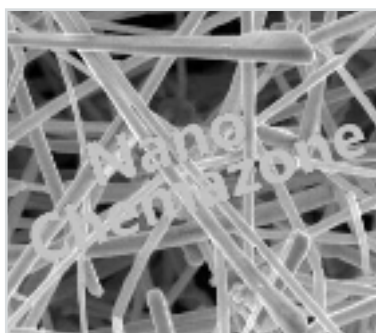
Titanium Oxide Anatase Nanowires

Product:	Titanium Oxide Anatase Nanowires
Formula:	TiO ₂
CAS Number:	13463-67-7
Crystal System:	Tetragonal
Diameter:	100 nm, 10 nm (Customizable)
Form:	Nanowires Powder/Dispersion

Product:	Tungsten Oxide Nanowire
Formula:	Wo ₃
CAS Number:	1314-35-8
Purity:	≥99%
Diameter:	20 nm (customization available)
Length:	10 μm (customization available)



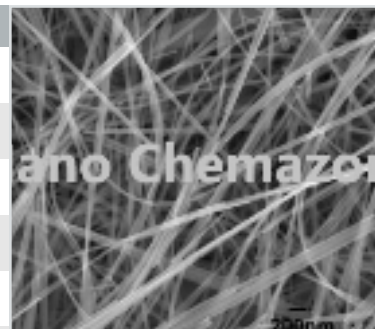
Tungsten Oxide Nanowire



Vanadium Oxide Nanowires

Chemical Name:	Vanadium Oxide Nanowires
Purity:	> 99.99%
Diameter:	~ 40 nm (Customization is possible)
Form:	Nanowire
Product Number:	NCZW120
CAS Number:	12035-98-2

Product:	Zinc Oxide Nanowire
CAS Number:	1314-13-2
Chemical Formula:	ZnO
Density:	5.606 g/cm ³
Diameter:	50 nm (customization available)
Length:	1 to 20 µm (customization available)



Zinc Oxide Nanowire

CARBON NANOTUBE & FULLERENE

SINGLE WALLED

	Purity	Diameter	Product Number	CAS Number
1.	>98% (SWNT)	1-2 nm (O.D), 0.8 -1.6 nm (I.D)	NCZ-SS-CNT103	308068-56-6
2.	>98% (SWNT)	1-2 nm (O.D), 0.8 -1.6 nm (I.D)	NCZCNT103	308068-56-6
3.	>98% (SWNT)	Outer Diameter (1-2 nm), Inner Diameter (0.8-1.6 nm)	NCZCNT102	308068-56-6
4.	>98% (SWNT)	1-2 nm (O.D), 0.8 -1.6 nm (I.D)	NCZCNT101	308068-56-6

MULTI WALLED

	Purity	Diameter	Product Number	CAS Number
1.	>98% (SWNT)	20-30 nm (O.D), 5-7 nm (I.D)	NCZCNT107	308068-56-6
2.	>99% (MWNT)	20-30 nm (O.D), 3-5 nm (I.D)	NCZCNT108	308068-56-6
3.	>99% (MWCNT)	20-30 nm (O.D), 2 -5 nm (I.D)	NCZCNT105	308068-56-6
4.	>99% (MWCNT)	O.D (20-30 nm), I.D (5-7 nm)	NCZCNT106	308068-56-6



QUANTUM DOTS

Quantum dots (QDs) are man-made nanoscale crystals that can transport electrons. When UV light hits these semiconducting nanoparticles, they can emit light of various colors. These artificial semiconductor nanoparticles have found applications in composites, solar cells and fluorescent biological labels.



Blue Luminescent Hydrophilic Graphene Quantum Dots

Form:	Dispersion
Solvent:	Water (Customizable)
Color:	Colorless
Concentration:	0.5mg/ml (Customizable)
Particle Size:	<10nm (Customizable)
Quantum Yield:	>15 %

Condition:	Powder
Color:	White
Particle Size:	<10 nm (Customizable)
Quantum Yield:	>50%
Fluorescence:	λ_{Ex} : 365nm, λ_{Em} : 435nm, FWHM: 70 \pm 5nm
Quantity:	20mg/Bottle (Customizable)



Blue Luminescent Hydrophilic Graphene Quantum Dots



Blue Luminescent Hydrophobic Graphene Quantum Dots

Condition:	Liquid
Solvent:	Cyclohexane
Color:	Colorless
Concentration:	0.5mg/ml
Particle Size:	<10nm (Customizable)
Quantum Yield:	>50%

Condition:	Powder
Color:	Pale Yellow
Particle Size:	<10nm (Customizable)
Quantum Yield:	>50%
Fluorescence:	λ_{Ex} : 360nm, λ_{Em} : 415nm, FWHM: 85 \pm 5nm
Quantity:	20 mg/Bottle (Customizable)



Blue Luminescent Hydrophobic Graphene Quantum Dots



Cadmium Sulphide /Zinc Sulphide Quantum Dots

Composition:	Cadmium Sulfide /Zinc Sulfide Quantum Dots
Appearance:	Colorless solution
PL peak:	460 nm (reference only, actual value may vary)
Particle Size:	<26 nm
Concentration:	1 mg/ml (available up to 20mg/ml)
Solution:	Toluene

Linear Formula:	CdTe
Stock No.:	NCZQD102-19
Form:	Liquid/Powder
Size:	≤ 8 nm (customization available)
Fluorescence:	λem 485 nm (customization available)
Dispersing Agent:	Water, Toluene, IPA (customization available)



Cadmium Telluride Quantum Dots



Carbon COOH Qds

Composition:	Carbon COOH QDs (C, Surface Modified)
Appearance:	Blue
Particle Size:	1-10 nm
Concentration:	1 mg/ml (available up to 20 mg/ml)
Solution:	Water / organic solvents
Purity:	>99.9%

Product:	CdSe ZnS Quantum Dots
Stock No.:	NCZQD101-19
CAS:	1306-25-8
APS:	< 5nm (customization available)
Form:	Liquid
Concentration:	5 mg/mL (customization available)



CdSe ZnS Quantum Dots



Indium Phosphide/Zinc Sulphide Quantum Dots

Product:	Indium Phosphide/Zinc Sulphide Quantum Dots
CAS:	22398-80-7
Stock No.:	22398-80-7
Purity:	≥99.9%
Emission Peak:	520 nm (customization available)
Quantum Yield:	50-80%

Composition:	LED Quantum Dots (Zinc Selenide /Zinc Sulphide Quantum Dots)
Appearance:	Colorless solution
Particle Size:	12-18 nm
Concentration:	1 mg/ml (available up to 20mg/ml)
Solution:	Toluene
Purity:	>90%



LED Quantum Dots



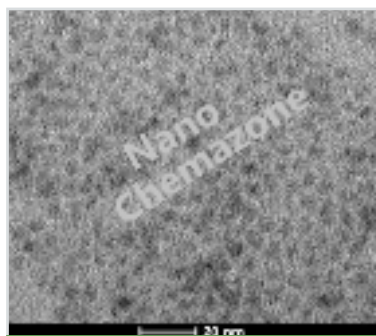
Perovskite Quantum Dots

Product:	Perovskite Quantum Dots
Stock No.:	NCZQD104-19
APS:	< 5nm (customization available)
Linear Formula:	CaTiO ₃
Colour:	Blue
Form:	Liquid/Powder (customization available)

Product:	Zinc Selenide /Zinc Sulphide
Stock No.:	NCZQD106-19
CAS:	1315-09-9
Purity:	99.9%
Composition:	ZnSe/ZnS
Emission Peak:	405 nm (customization available)



Zinc Selenide /Zinc Sulphide Quantum Dots



ZnCdSeS alloyed Quantum Dots

Product:	ZnCdSeS alloyed Quantum Dots
Linear Formula:	ZnCdSeS
Stock No.:	NCZQD105-19
Form:	Liquid/Powder
Fluorescence:	λ_{em} 540 nm (customization available)
Concentration:	5 mg/mL (customization available)

OTHER PRODUCTS

Product Name

Quartz Substrate
 Reticulated Vitreous Carbon Foam Electrode
 Silicon/Silicon Dioxide Wafer
 ARTIFICIAL ECCRINE PERSPIRATION
 Artificial Saliva
 Artificial Urine
 Cobalt Iron Alloy Powder
 Molybdenum Disulfide Powder
 Pinnatoxin-G
 PVDF Powder Poly(vinylidene fluoride)
 Silicon Powder Spherical
 Silver Platinum Alloy Powder
 Silver Tin Alloy Powder
 Titanium Aluminium Vanadium powder spherical
 Zirconium Oxide Powder with Less Hafnium Content
 Aluminum Oxide Paste
 Carbon Graphene Screen Print Ink Paste
 Carbon Screen Print Paste and Ink
 Conducting Gold Paste

Product Name

Copper Paste
 Dielectric Paste for Screen Printing Electrode
 Gold Paste for Screen Printing
 Insulating Paste for Screen Printing
 Nickel Oxide Anode Paste
 Platinum Conductive Paste for Screen Print Applications
 Platinum Gold Conductor Paste
 Platinum Paste Screen Print Ink
 Silver Conducting Paste
 Silver Paste
 Silver Platinum Conductor Paste
 Silver-Palladium Conducting Paste
 Silver/Silver Chloride Pastes for Electrochemistry
 Titanium Dioxide Paste
 Tungsten Conducting Paste
 Yttria Stabilized Zirconia Paste
 Oil Dispersible Upconverting Nanoparticles
 PEG Modified Upconverting Nanoparticles
 Water Dispersible Upconverting Nanoparticles

NANOHEMAZONE ARE SKILLED IN THE LATEST METHODS IN SYNTHESIS OF NANOMATERIALS AND SYNTHETIC ORGANIC CHEMISTRY TO WORK CLOSELY WITH CLIENTS.

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