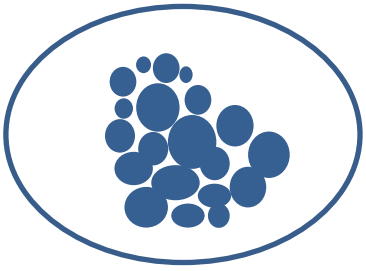
HIGH PURITY
RARE EARTH MATERIALS

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High Purity Rare Earth Materials

PURITY

Purity is based on spectrographic values of trace metals found, i. e. 99.999% pure indicates that 0.001% (10 ppm) total of trace metals have been observed. Gases, Carbon and Sulfur are not included in the analysis but can possibly be determined if needed.

PARTICLE SIZE

Particle sizes are listed as determined with sieves. “-100,+325 mesh” means that all of the particles pass through a 100 mesh screen and are completely retained on a 325 mesh screen. “Mesh” indicates the number of sieve openings per linear inch.

CERTIFICATE

Each batch of material is shipped with a certificate of analysis and represents the current batch only.

Material Safety Data Sheet (MSDS) will be attached if the materials are dangerous.



CUSTOM MANUFACTURING

Funcmater provide custom service if there is no dimensions or purity you want on the list, Don’t hesitate to contact us.

Particle Size Conversion Table

MESH SIZE	APPROXIMATE DIAMETER(mm)	MESH SIZE	APPROXIMATE DIAMETER(mm)
2	8	80	0.180
3	6.7	100	0.150
4	4.75	120	0.125
5	4.00	140	0.106
6	3.35	170	0.090
7	2.80	200	0.075
8	2.36	230	0.063
10	2.00	270	0.053
12	1.70	325	0.045
14	1.40	400	0.040
16	1.18	500	0.025
18	1.00	600	0.023
20	0.850	800	0.018
25	0.710	1000	0.013
30	0.600	1250	0.010
35	0.500	2000	0.0065
40	0.425	2500	0.0050
45	0.355	5000	0.0026
50	0.300	8000	0.0016
60	0.250	10000	0.0013
70	0.212		

Rare Earth Materials

FUNCMATER provides a series of high purity, Nano rare earth metal and compound powder materials. Rare earth elements are known as the "vitamin of industry" and have excellent magnetic, optical and electrical properties that cannot be replaced, which play a great role in improving product performance, increasing product variety and improving production efficiency, and are widely used in metallurgy, military, petrochemical, glass and ceramics, agriculture and new materials.

Ce Cerium

CHEMICAL NAME	FORMULA	CAS No.	PURITY	SIZE
Cerium	Ce	7440-45-1	3N	-100Mesh
Cerium Hydroxide	$Ce(OH)_4$	12014-56-1	3N5	
Cerium Sulfide	Ce_2S_3	12014-93-6	3N	60Mesh D50<10 μ m
Cerium Boride	CeB_6	12008-02-5	2N5	-325Mesh
Cerium Bromide	$CeBr_3$	14457-87-5	3N-4N	-20Mesh
Cerium Bromide Heptahydrate	$CeBr_3.7H_2O$	7789-56-2	4N	
Cerium Chloride	$CeCl_3$	7790-86-5	4N	100Mesh
Cerium Chloride Heptahydrate	$CeCl_3 \cdot 7H_2O$	18618-55-8	3N5	
Cerium Fluoride	CeF_3	7758-88-5	4N5	100Mesh
Cerium Oxide	CeO_2	1306-38-3	3N-4N	D50<20 μ m/6-15 μ m
Cerium Oxide - Zirconium Oxide	CeO_2-ZrO_2		2N5	-325Mesh
Cerium Palladium Alloy	CePd		3N-4N	-200Mesh
Cerium Acetate	$CeC_6H_9O_6$	206996-60-3	3N	
Cerium Nitrate	$Ce(NO_3)_3$	10108-73-3	3N	-200Mesh
Cerium Nitrate Hexahydrate	$Ce(NO_3)_3 \cdot 6H_2O$	10294-41-4	2N5	
Cerium sulfate	$Ce(SO_4)_2$	13590-82-4	97%	-325Mesh
Cerium Sulfate	$Ce_2(SO_4)_3$	13454-94-9	3N	-200Mesh
Cerium sulfate octahydrate	$Ce_2(SO_4)_3 \cdot 8H_2O$	10450-59-6	4N	
Zirconium Scandium Cerium Oxide	ZrO_2:Sc_2O_3:CeO_2		3N	-325Mesh
Cerium Silicide	$CeSi_2$	12014-85-6	2N5	-20Mesh
Cerium Phosphate	$CePO_4$	13454-71-2	2N	-100Mesh
Cerium Vanadium Oxide	$CeVO_4$	13597-19-8	3N	-200Mesh
Cerium Carbonate	$Ce_2(CO_3)_3$	5853-16-7	3N	-200Mesh

Dy Dysprosium

CHEMICAL NAME	FORMULA	CAS No.	PURITY	SIZE
Dysprosium	Dy	7429-91-6	3N	-200Mesh
Dysprosium Oxide	Dy_2O_3	1308-87-8	3N	D50:10 μ m
Dysprosium Chloride	$DyCl_3$	10025-74-8	4N	10Mesh
Dysprosium Chloride Hexahydrate	$DyCl_3.6H_2O$	15059-52-6	3N	
Dysprosium Boride	DyB_6	12008-04-7	2N5	-325Mesh
Dysprosium Bromide	$DyBr_3$	14456-48-5	4N	-325Mesh
Dysprosium oxalate decahydrate	$Dy_2(C_2O_4)_3 \cdot 10H_2O$	24670-07-3	3N	
Dysprosium Nitrate Pentahydrate	$Dy(NO_3)_3 \cdot 5H_2O$	10031-49-9	3N-4N	
Dysprosium Iodide	DyI_3	15474-63-2	98%	
Dysprosium Acetate tetrahydrate	$Dy(OOCCH_3)_3 \cdot 4H_2O$	15280-55-4	3N-4N	
Dysprosium Nitride	DyN	12019-88-4	3N	-325Mesh
Dysprosium Phosphate	$DyPO_4$	13863-49-5	4N	-100Mesh
Dysprosium Sulfate	$Dy_2(SO_4)_3$	10031-50-2	3N	-325Mesh
Dysprosium Carbonate tetrahydrate	$Dy_2(CO_3)_3 \cdot 4H_2O$	38245-35-1	3N	
Dysprosium Nitrate	$Dy(NO_3)_3$	10143-38-1	3N	-325Mesh
Dysprosium Fluoride	DyF_3	13569-80-7	3N-4N	-325Mesh

Er Erbium

CHEMICAL NAME	FORMULA	CAS No.	PURITY	SIZE
Erbium	Er	7440-52-0	3N	-300Mesh
Erbium Boride	ErB_4	12310-44-0	2N5	
Erbium Bromide	$ErBr_3$	13536-73-7	4N	-100-325Mesh
Erbium Bromide Hydrate	$ErBr_3. xH_2O$	29843-93-4	5N	
Erbium(III) Chloride Hexahydrate	$ErCl_3.6H_2O$	10025-75-9	3N-5N	
Erbium Acetate	$ErC_6H_{17}O_{10}$	15280-57-6	3N/3N5	
Erbium Carbonate Hydrate	$Er_2(CO_3)_2 \cdot xH_2O$	22992-83-2	4N	
Erbium Nitride	ErN	12020-21-2	3N	-60Mesh
Erbium Silicide	$ErSi_2$	12434-16-1	3N	
Erbium Phosphate Hydrate	$ErPO_4 \cdot xH_2O$	14242-01-4	3N	
Erbium Phosphate	$ErPO_4$	14298-38-5	4N	-100-325Mesh
Erbium Sulfate	$Er_2(SO_4)_3$	10031-52-4	3N5	-100-325Mesh
Erbium Nitrate	$Er(NO_3)_3$	10031-51-3	3N	-100-325Mesh

Erbium Nitrate Hexahydrate	$Er(NO_3)_3.6H_2O$	13476-05-6	4N	
Erbium Iodide	ErI_3	13813-42-8	4N	-100-325Mesh
Erbium Fluoride	ErF_3	13760-83-3	3N	D50:10 μ m
Erbium Chloride	$ErCl_3$	10138-41-7	2N5	-20Mesh
Erbium Oxide	Er_2O_3	12061-16-4	2N5/3N	-325Mesh D50:10 μ m

Eu Europium

CHEMICAL NAME	FORMULA	CAS No.	PURITY	SIZE
Europium Bromide	$EuBr_3$	13759-88-1	3N	-100-325Mesh
Europium Iodide	EuI_2	22015-35-6	4N-5N	-100-325Mesh
Europium Acetate Hydrate	$Eu(OOCCH_3)_3 \cdot xH_2O$	62667-64-5	3N-4N	
Europium nitrate hexahydrate	$Eu(NO_3)_3 \cdot 6H_2O$	10031-53-5	4N	-325Mesh
Europium Oxalate Hydrate	$Eu_2(C_2O_4)_3\ xH_2O$	304675-55-6		
Europium Oxide	Eu_2O_3	1308-96-9	2N5-5N	-325Mesh D50:3-16 μ m
Europium Phosphate	$EuPO_4$	13537-10-5	3N	-100-325Mesh
Europium Sulfate	$Eu_2(SO_4)_3$	13537-15-0	5N	-100-325Mesh
Europium Sulfate octahydrate	$Eu_2(SO_4)_3.8H_2O$	10031-52-4	5N	
Europium Carbonate	$Eu_2(CO_3)_3$	86546-99-8	3N	-100-325Mesh
Europium Nitrate	$Eu(NO_3)_3$	10031-53-5	3N	-100-325Mesh
Europium Fluoride	EuF_3	13765-25-8	3N-4N8	-100-325Mesh
Europium Chloride	$EuCl_3$	10025-76-0	4N	-100-325Mesh
Europium Chloride hexahydrate	$EuCl_3.6H_2O$	13759-92-7	5N	
Europium Telluride	EuTe	12020-69-8	2N5	-100-325Mesh
Europium Selenide	EuSe	12020-66-5	3N	-100-325Mesh
Europium Sulfide	EuS	12020-65-4	4N	-100-325Mesh
Europium Boride	EuB_6	12008-05-8	2N5	-325Mesh



Gd Gadolinium

CHEMICAL NAME	FORMULA	CAS No.	PURITY	SIZE
Gadolinium	Gd	7440-54-2	3N	-200Mesh
Gadolinium oxalate hydrate	$Gd_2(C_2O_4)_3 \cdot xH_2O$	100655-00-3	3N	
Gadolinium Nitrate Hydrate	$Gd(NO_3)_3.xH_2O$	94219-55-3	4N	
Gadolinium acetate hydrate	$Gd(OOCCH_3)_3 \cdot xH_2O$	100587-93-7	3N	
Gadolinium Chloride Hexahydrate	$GdCl_3.\ 6H_2O$	13450-84-5	3N-5N	
Gadolinium Oxide	Gd_2O_3	12064-62-9	4N	-325Mesh
Gadolinium Nitride	GdN	25764-15-2	2N5/3N	-60Mesh
Gadolinium Silicide	$GdSi_2$	12134-75-7	3N	-325Mesh
Gadolinium Phosphate	$GdPO_4$	12064-62-9	4N	-325Mesh
Gadolinium Titanate	$Gd_2Ti_2O_7$	12024-89-4	3N	-200Mesh
Gadolinium Carbonate	$Gd_2(CO_3)_3.\ xH_2O$	38245-36-2	3N	
Gadolinium Iron Alloy	GdFe		3N	-10Mesh
Gadolinium Nickel Alloy	GdNi	12024-73-6	3N	-200Mesh
Gadolinium Iodide	GdI_3	13572-98-0	4N	-325Mesh
Gadolinium Fluoride	GdF_3	13765-26-9	3N	-200Mesh
Gadolinium Chloride	$GdCl_3$	10138-52-0	4N	-10Mesh
Gadolinium Bromide	$GdBr_3$	13818-75-2	3N-4N	-325Mesh
Gadolinium Boride	GdB_6	12008-06-9	2N5	-325Mesh



La Lanthanum

CHEMICAL NAME	FORMULA	CAS No.	PURITY	SIZE
Lanthanum Hexaborid	LaB_6	12008-21-8	2N	50nm
Lanthanum Bromide	$LaBr_3$	13536-79-3	3N-4N	
Lanthanum nickel alloy	$LaNi_5$	12196-72-4	2N5	-100Mesh
Lanthanum Titanate	$La_2Ti_2O_7$	12031-47-9	3N	-60Mesh
Lanthanum Zirconate	$La_2Zr_2O_7$	12031-48-0	3N	-60Mesh
Lanthanum Manganese Oxide	$LaMnO_3$		3N	-325Mesh
Lanthanum Lithium Titanate	$Li_{3x}La_{2/3-x}TiO_3$		3N	-325Mesh
Lanthanum Metvanadate	$LaVO_3$	12142-65-3	3N	-60Mesh
Lanthanum Vanadate	$LaVO_4$	13939-40-7	3N	-60Mesh
Lanthanum nitrate Hexahydrate	$La(NO_3)_3 \cdot 6H_2O$	10277-43-7	4N	
Lanthanum oxalate hydrate	$La_2(C_2O_4)_3 \cdot xH_2O$	79079-18-8	3N	
Molybdenum Lanthanum Alloy	MoLa		3N-4N	-100Mesh
Lanthanum Carbonate	$La_2(CO_3)_3$	54451-24-0	3N	-325Mesh
Lanthanum Acetate	$LaC_6H_{11}O_7$	100587-90-4	2N5	-325Mesh
Lanthanum Fluoride	LaF_3	13709-38-1	4N	
Lanthanum Bromide Hydrate	$LaBr_3 . xH_2O$	224183-16-8	4N	
Lanthanum chloride heptahydrate	$LaCl_3 \cdot 7H_2O$	10025-84-0	4N	
Lanthanum Oxide	La_2O_3	1312-81-8	3N-5N	D50:10 μ m
Lanthanum Iodide	LaI_3	13813-22-4	4N	-325Mesh
Lanthanum Barium Tin Oxide	$La_{(x)}Ba_{(1-x)}SnO_3$		3N	-325Mesh
Lanthanum Strontiam Iron Oxide	$(La_{0.8}Sr_{0.2})FeO_3$		3N	-325Mesh
Lanthanum Iron Nickel Oxide	$LaFe_{0.25}Ni_{0.75}O_3$		3N	-325Mesh
Lanthanum Strontiam Manganese Oxide	$La_{(1-x)}Sr_{(x)}MnO_3$		2N5/3N	D50<10 μ m
Lanthanum Nickel Oxide	$LaNiO_3$	12031-41-3	3N	-60Mesh
Lanthanum Iron Oxide	$LaFeO_3$	12022-43-4	3N	-325Mesh
Lanthanum Cobalt Oxide	$LaCoO_3$		3N	-325Mesh
Lanthanum Chromite	$LaCrO_3$	12017-94-6	2N5	-40Mesh
Lanthanum Aluminum Oxide	$LaAlO_3$	71496-78-1	3N	-50Mesh
Lanthanum	La	7439-91-0	3N	-60Mesh
Lanthanum Silicide	$LaSi_2$	12056-90-5	2N5	-200Mesh
Lanthanum Nitrate	$La(NO_3)_3$	10099-59-9	3N	-325Mesh
Lanthanum Sulfate	$La_2(SO_4)_3$	10099-60-2	4N	-100Mesh
Lanthanum carbonate hydrate	$La_2(CO_3)_3 \cdot xH_2O$	54451-24-0	3N-4N	-325Mesh
Lanthanum Titanate	$LaTiO_3$	12201-04-6	3N	-100Mesh
Lanthanum Chloride	$LaCl_3$	10099-58-8	4N	-100Mesh
Lanthanum Telluride	La_2Te_3	12031-53-7	3N	-100Mesh
Lanthanum Sulfide	La_2S_3	12031-49-1	3N	-200Mesh
Lanthanum Boride	LaB_6	12008-21-8	2N5/3N	-325Mesh

Lu Lutetium

CHEMICAL NAME	FORMULA	CAS No.	PURITY	SIZE
Lutetium carbonate hydrate	$Lu_2(CO_3)_3 \cdot xH_2O$	64360-99-2	3N	-100Mesh
Lutetium Oxide	Lu_2O_3	12032-20-1	3N5-4N5	-325Mesh
Lutetium Nitride	LuN	12125-25-6	3N	-60Mesh
Lutetium Nitrate	$Lu(NO_3)_3$	100641-16-5	3N	-100Mesh
Lutetium Sulfate	$Lu_2(SO_4)_3$	13473-77-3	4N	-100Mesh
Lutetium Iodide	LuI_3	13813-45-1	4N	-100Mesh
Lutetium Fluoride	LuF_3	13760-81-1	4N	-325Mesh
Lutetium Chloride	$LuCl_3$	10099-66-8	4N	-100Mesh
Lutetium Chloride Hexahydrate	$LuCl_3.6H_2O$	15230-79-2	4N	
Lutetium Telluride	Lu_2Te_3	12163-22-3	5N	-60Mesh
Lutetium Sulfide	Lu_2S_3	12163-20-1	4N5	-200Mesh
Lutetium acetate tetrahydrate	$Lu(AC)_3.4H_2O$	207500-05-8	4N	

Pr Praseodymium

CHEMICAL NAME	FORMULA	CAS No.	PURITY	SIZE
Praseodymium Oxide	Pr_6O_{11}	12037-29-5	2N5	-325Mesh
Praseodymium chloride hydrate	$PrCl_3 \cdot 6H_2O$	17272-46-7	3N	
Praseodymium Acetate	$PrC_6H_9O_6$	17829-83-3	3N	
Praseodymium iodide	PrI_3	13813-23-5	3N	-100Mesh
Praseodymium Nitrate Hexahydrate	$Pr(NO_3)_3 \cdot xH_2O$	15878-77-0	2N	
Praseodymium sulfate octahydrate	$Pr_2(SO_4)_3 \cdot 8H_2O$	13510-41-3	4N	
Praseodymium Oxide	Pr_2O_3	12036-32-7	3N-5N	-325Mesh
Praseodymium Fluoride	PrF_3	13709-46-1	4N	-325Mesh
Praseodymium Nitride	PrN	25764-09-4	3N	-200Mesh
Praseodymium Silicide	$PrSi_2$	12066-83-0	3N	-100Mesh
Praseodymium Phosphate	$PrPO_4$	14298-31-8	2N	-100Mesh
Praseodymium Sulfate	$Pr_2(SO_4)_3$	10277-44-8	3N5	-325Mesh
Praseodymium Carbonate	$Pr_2(CO_3)_3$	14948-62-0	3N	-200Mesh
Praseodymium Chloride	$PrCl_3$	10361-79-2	3N5	-100Mesh

Sc Scandium

CHEMICAL NAME	FORMULA	CAS No.	PURITY	SIZE
Scandium	Sc	7440-20-2	3N-4N	-200Mesh
Scandium nitrate hydrate	$Sc(NO_3)_3 \cdot xH_2O$	107552-14-7	4N	
Scandium Boride	ScB_{12}		95%	-20Mesh
Scandium Oxide	Sc_2O_3	12060-08-1	4N-5N	-325Mesh
Scandium chloride hexahydrate	$ScCl_3 \cdot 6H_2O$	20662-14-0	4N	
Scandium Chloride	$ScCl_3$	10361-84-9	3N	-20Mesh
Scandium Iodide	ScI_3	14474-33-0	5N	-325Mesh
Scandium Nitride	ScN	664347-12-0	3N	-60Mesh
Scandium Nitrate	$Sc(NO_3)_3$	13465-60-6	4N	-100Mesh
Scandium Fluoride	ScF_3	13709-47-2	3N	-100Mesh
Scandium Bromide	$ScBr_3$	13465-59-3	4N	-100Mesh
Scandium Sulfide	Sc_2S_3	12166-29-9	3N	-200Mesh

Sm Samarium

CHEMICAL NAME	FORMULA	CAS No.	PURITY	SIZE
Samarium Oxide	Sm_2O_3	12060-58-1	2N5-3N	D50:5-10 μ m
Samarium Cobalt	$SmCo_5$	12017-68-4	2N	-100Mesh
Samarium Chloride Hexahydrate	$SmCl_3 \cdot 6H_2O$	13465-55-9	3N	
Samarium oxalate hydrate	$Sm_2(C_2O_4)_3 \cdot 10H_2O$	14175-03-2	3N7	
Samarium Sulfide	SmS		3N	
Samarium Telluride	SmTe	12040-00-5	3N-4N5	-200Mesh
Samarium Chloride	$SmCl_3$	10361-82-7	3N-4N	-100Mesh
Samarium Sulfide	Sm_2S_3	12067-22-0	3N	-325Mesh
Samarium	Sm	7440-19-9	3N	-325Mesh
Samarium Nitride	SmN	25764-14-1	3N	-100Mesh
Samarium sulfate	$Sm_2(SO_4)_3$	15123-65-6	3N5	-100Mesh
Samarium carbonate hydrate	$Sm_2(CO_3)_3 \cdot xH_2O$	38245-37-3	4N	
Samarium Nitrate	$Sm(NO_3)_3$	10361-83-8	3N5	-100Mesh
Samarium Iodide	SmI_2	32248-43-4	4N	-100Mesh
Samarium Fluoride	SmF_3	13765-24-7	3N	-200Mesh
Samarium Boride	SmB_6	12008-30-9	2N5	-100Mesh

Tb Terbium

CHEMICAL NAME	FORMULA	CAS No.	PURITY	SIZE
Terbium	Tb	7440-27-9	3N	-200Mesh
Terbium chloride hexahydrate	$TbCl_3 \cdot 6H_2O$	13798-24-8	4N	
Terbium Oxide	Tb_4O_7	12037-01-3	2N5-4N	-100Mesh
Terbium carbonate hydrate	$Tb_2(CO_3)_3 \cdot xH_2O$	100587-96-0	3N	
Terbium Iron Alloy	TbFe		3N	-100Mesh
Terbium oxalate decahydrate	$Tb_2(C_2O_4)_3 \cdot 10H_2O$	51373-66-1	3N	-100Mesh
Terbium iodide	TbI_3	13813-40-6	4N	-60Mesh
Terbium Acetate	$TbC_6H_{11}O_7$	100587-92-6	3N	-60Mesh
Terbium nitrate hydrate	$Tb(NO_3)_3 \cdot xH_2O$	10043-27-3	4N	
Terbium Nitride	TbN	12033-64-6	3N	-60Mesh
Terbium Boride	TbB_6	12008-31-0	3N5	-100Mesh
Terbium vanadium oxide	$TbVO_4$	13566-09-1	2N8	-100Mesh
Terbium Phosphate	$TbPO_4$	13863-48-4	4N	-200Mesh
Terbium Sulfate	$Tb_2(SO_4)_3$	13842-67-6	4N	-325Mesh
Terbium Nitrate	$Tb(NO_3)_3$	57584-27-7	4N	-325Mesh
Terbium Fluoride	TbF_3	13708-63-9	4N	-325Mesh
Terbium Chloride	$TbCl_3$	10042-88-3	3N-4N	-325Mesh
Terbium Bromide	$TbBr_3$	14456-47-4	4N	-100Mesh
Terbium Sulfide	Tb_2S_3	12138-11-3	3N5	-100Mesh

Tm Thulium

CHEMICAL NAME	FORMULA	CAS No.	PURITY	SIZE
Thulium	Tm	7440-30-4	3N	-40Mesh
Thulium Oxide	Tm_2O_3	12036-44-1	3N-5N	-100Mesh
Thulium Fluoride	TmF_3	13760-79-7	3N	-100Mesh
Thulium Acetate	$TmC_6H_{11}O_7$	314041-04-8	2N5-4N	
Thulium Chloride	$TmCl_3$	13537-18-3	4N	-10Mesh
Thulium Chloride Hydrate	$TmCl_3 \cdot xH_2O$	19423-86-0	3N-4N	
Thulium nitrate hydrate	$Tm(NO_3)_3 \cdot xH_2O$	36548-87-5	3N-4N	
Thulium Oxalate Hydrate	$Tm_2(C_2O_4)_3 \cdot xH_2O$	58176-73-1	3N	
Thulium Nitride	TmN	12033-68-0	2N5	-60Mesh
Thulium Sulfate octahydrate	$Tm_2(SO_4)_3 * 8H_2O$	13778-40-0	3N	

Thulium Nitrate Hexahydrate	$Tm(NO_3)_3*6H_2O$	36548-87-5	3N	
Thulium Iodide	TmI_3	13813-43-9	3N	-100Mesh
Thulium Bromide	$TmBr_3$	14456-51-0	4N	-100Mesh
Thulium Sulfide	Tm_2S_3	12166-30-2	3N	-325Mesh
Thulium Boride	TmB_6	12046-55-8	2N5	-325Mesh

Y

Yttrium

CHEMICAL NAME	FORMULA	CAS No.	PURITY	SIZE
yttrium	Y	7440-65-5	2N-3N	-200Mesh
Yttrium Chloride	YCl_3	10361-92-9	3N-4N	-10Mesh
Yttrium Oxide	Y_2O_3	1314-36-9	3N-5N	-200Mesh D50<15 μ m
Yttrium chloride hydrate	$YCl_3•6H_2O$	10025-94-2	5N	
Yttrium Bromide	YBr_3	13469-98-2	3N-4N	-100Mesh
Yttrium sulfide	Y_2S_3	12039-19-9	3N	-100Mesh
Yttrium oxalate nonahydrate	$Y_2(C_2O_4)_3•9H_2O$	13266-82-5	3N	
Yttrium carbonate hydrate	$Y_2(CO_3)_3•xH_2O$	38245-39-5	3N-4N	
Yttrium sulfate octahydrate	$Y_2(SO_4)_3•8H_2O$	7446-33-5	4N	
Yttrium phosphate	YPO_4	13990-54-0	4N	-100Mesh
Yttrium barium copper oxide	$YBa_2Cu_3O_7$	107539-20-8	2N5	-100-325Mesh
Yttrium Tantalum oxide	$YTaO_4$		3N	-325Mesh
Yttrium Manganese Oxide	$YMnO_3$		3N	-325Mesh
Yttrium Ferrite	$Y_3Fe_5O_{12}$	12063-56-8	3N	-100Mesh
Yttrium Aluminate(YAG)	$Y_3Al_5O_{12}$	12005-21-9	3N-4N	-200Mesh
Yttrium Sulfate	$Y_2(SO_4)_3$	7446-33-5	3N5	-200Mesh
Yttrium Silicate	Y_2SiO_5	39318-36-0	3N	-325Mesh
Yttrium Carbonate	$Y_2(CO_3)_3$	5970-44-5	5N	-200Mesh
Yttrium Vanadate	YVO_4	13566-12-6	4N	-325Mesh
Yttrium Nitrate	$Y(NO_3)_3$	13494-98-9	2N-5N	
Yttrium Nitrate Hexahydrate	$Y(NO_3)_3.\ 6H_2O$	13494-98-9	2N-5N	
Yttrium Fluoride	YF_3	13709-49-4	3N	D50:15-20 μ m
Yttrium Telluride	$Y2Te_3$	12166-71-1	4N5	-40Mesh
Yttrium Oxide Stablized Zirconium Oxide(YSZ)	Y_2O_3-Zr_2O_3	308076-80-4	2N5/3N	D50<15 μ m
Yttrium Diboride	YB_2		95%	-20Mesh
Yttrium Hexaboride	YB_6	12008-32-1	3N	-20Mesh

Yb Ytterbium

CHEMICAL NAME	FORMULA	CAS No.	PURITY	SIZE
Ytterbium	Yb	7440-64-4	3N	-60Mesh
Ytterbium Chloride	$YbCl_3$	10361-91-8	4N	-10Mesh
Ytterbium Oxalate Hydrate	$Yb_2(C_2O_4)_3 \cdot xH_2O$	58176-74-2	3N	
Ytterbium Sulfate	$Yb_2(SO_4)_3$	13469-97-1	4N	-325Mesh
Ytterbium Bromide	$YbBr_3$	13759-89-2	3N	-100Mesh
Ytterbium Chloride Hexahydrate	$YbCl_3 \cdot 6H_2O$	10035-01-5	5N	
Ytterbium Fluoride	YbF_3	13760-80-0	3N-4N	-100Mesh
Ytterbium Oxide	Yb_2O_3	1314-37-0	3N-4N5	-325Mesh
Ytterbium Silicide	$YbSi_2$	12039-89-3	2N5	-200Mesh
Ytterbium Nitride	YbN	24600-77-9	3N	-60Mesh
Ytterbium Carbonate	$Yb_2(CO_3)_3$	5895-52-3	4N	-100Mesh
Ytterbium Iodide	YbI_2	19357-86-9	3N	-100Mesh
Ytterbium Phosphate	$YbPO_4$	13759-80-3	3N	-325Mesh

