



Rare Earth Elements

INORGANIC SALTS & COMPOUNDS

Rare-earth elements (REEs) are a group of seventeen chemical elements in the periodic table, in particular the Fifteen Lanthanides as well as Yttrium and Scandium as defined by the International Union of Pure and Applied Chemistry (IUPAC). Scandium and Yttrium are considered REEs since they tend to occur in the same ore deposits as the lanthanides and exhibit similar chemical properties.

Modern Technologies and Lifestyles are evolving at a very significant pace ever since the turn of this century. Amidst these phenomenal developments, comes the contribution of **Rare Earth Elements (REEs) compounds** with its high performance and increasing global recognition across various sectors.

Rare Earth Elements (REEs) compounds offer numerous benefits, such as high electrical conductivity, luminescent, enhanced heat resistance, improved magnetism, weight reduction, etc. As a result, REEs has found wide application in area of Material Science, Conductivity Research, Nanoparticle synthesis, Coatings & Semiconductor research, Defense Technology and many more.

At **SRL**, we understand the widespread need for **Rare Earth Element (REEs) Compounds** in global research and manufacturing and we make it easy for our researchers to buy, in Lab-sized packs of 1g to 25g. Our **Rare Earth Element (REEs) Compounds** are of High Purity and tested by stringent methods to ensure that our end users receive the best results.

Cerium Series

Prdt. Code	Product Name	CAS No.	Assay	Packing Unit
42077	Ammonium Ceric Nitrate (meets compendial specs of BP)	16774-21-3	min. 99%	100gms, 250gms
40553	Ammonium Ceric Nitrate	16774-21-3	min. 99%	100gms, 250gms
23757	Ammonium Ceric Sulphate Dihydrate AR, ACS	10378-47-9	min. 99%	100gms, 500gms
38134	Ammonium Ceric Sulphate Dihydrate	10378-47-9	min. 99%	100gms, 500gms
23505	Ceric Oxide	1306-38-3	min. 99.9%	100gms, 500gms
92425	Ceric Sulphate Tetrahydrate	10294-42-5	min. 80%	25gms, 100gms, 500gms
40111	Cerium (III) Trifluoromethanesulfonate [Cerium (III) triflate]	76089-77-5	min. 98%	5gms, 25gms
66676	Cerous Chloride Heptahydrate	18618-55-8	min. 99%	25gms, 100gms, 500gms
57320	Cerous Nitrate Hexahydrate	10294-41-4	min. 99.9%	100gms

Erbium Series

Prdt. Code	Product Name	CAS No.	Assay	Packing Unit
41120	Erbium (III) Chloride Hexahydrate	10025-75-9	min. 99.99%	5gms, 25gms
54788	Erbium (III) Nitrate Hexahydrate	13476-05-6	min. 99.9%	5gms, 25gms
29831	Erbium (III) Oxide	12061-16-4	min. 99.99%	5gms, 25gms
12485	Erbium (III) Trifluoromethanesulfonate [Erbium (III) triflate]	139177-64-3	min. 98%	5gms, 25gms

Europium Series

Prdt. Code	Product Name	CAS No.	Assay	Packing Unit
98345	Europium (III) Chloride Hexahydrate	13759-92-7	min. 99.99%	1gm, 5gms, 25gms
97625	Europium (III) Nitrate Hexahydrate	10031-53-5	min. 99.99%	5gms, 25gms
44088	Europium (III) Oxide	1308-96-9	min. 99.9%	1gm, 5gms
91883	Europium (III) Trifluoromethanesulfonate [Europium (III) triflate]	52093-25-1	min. 98%	1gm, 5gms

Gadolinium Series

Prdt. Code	Product Name	CAS No.	Assay	Packing Unit
45781	Gadolinium (III) Chloride Hexahydrate	13450-84-5	min. 99.99%	5gms, 25gms
10438	Gadolinium (III) Nitrate Hexahydrate	19598-90-4	min. 99.99%	5gms, 25gms
31353	Gadolinium (III) Oxide	12064-62-9	min. 99.9%	5gms, 25gms, 100gms
52480	Gadolinium (III) Trifluoromethanesulfonate [Gadolinium (III) triflate]	52093-29-5	min. 98%	1gm, 5gms

Lanthanum Series

Prdt. Code	Product Name	CAS No.	Assay	Packing Unit
20351	Lanthanum Chloride Heptahydrate	10025-84-0	min. 99%	100gms, 500gms
34032	Lanthanum Nitrate Hexahydrate	10277-43-7	min. 99%	100gms, 500gms
36917	Lanthanum Oxalate Hydrate	312696-10-9	min. 99%	10gms, 50gms
59415	Lanthanum Oxide	1312-81-8	min. 99.9%	100gms, 500gms
45974	Lanthanum Oxide Nanopowder (APS: 90nm)	1312-81-8	min. 99.99%	5gms, 25gms
47835	Lanthanum (III) Trifluoromethanesulfonate Hydrate [Lanthanum (III) triflate hydrate]	34629-21-5	min. 98%	1gm, 5gms



Neodymium Series

Prdt. Code	Product Name	CAS No.	Assay	Packing Unit
23049	Neodymium (III) Chloride Anhydrous	10024-93-8	min. 99.9%	5gm, 25gms
78442	Neodymium (III) Chloride Hexahydrate	13477-89-9	min. 99.9%	25gms, 100gms
86879	Neodymium (III) Nitrate Hexahydrate	16454-60-7	min. 99.9%	25gms, 100gms
37499	Neodymium (III) Oxide	1313-97-9	min. 99.9%	10gms, 25gms, 100gms
99080	Neodymium (III) Trifluoromethanesulfonate [Neodymium (III) triflate]	34622-08-7	min. 98%	1gm, 5gms

Praseodymium Series

Prdt. Code	Product Name	CAS No.	Assay	Packing Unit
28008	Praseodymium (III) Chloride Hydrate	19423-77-9	min. 99.9%	25gms, 100gms
83218	Praseodymium (III) Nitrate Hexahydrate	15878-77-0	min. 99.9%	25gms, 100gms
63639	Praseodymium (III, IV) Oxide	12037-29-5	min. 99.9%	10gms, 50gms
99350	Praseodymium (III) Trifluoromethanesulfonate [Praseodymium (III) triflate]	52093-27-3	min. 98%	5gms, 25gms

Samarium Series

Prdt. Code	Product Name	CAS No.	Assay	Packing Unit
93538	Samarium (III) Chloride Hexahydrate	13465-55-9	min. 99.9%	10gms, 50gms
92082	Samarium (III) Nitrate Hexahydrate	13759-83-6	min. 99.95%	5gms, 25gms
31372	Samarium (III) Oxide	12060-58-1	min. 99.95%	5gms, 25gms
54043	Samarium (III) Trifluoromethanesulfonate [Samarium (III) triflate]	52093-28-4	min. 98%	1gm, 5gms

Scandium Series

Prdt. Code	Product Name	CAS No.	Assay	Packing Unit
21032	Scandium Oxide	12060-08-1	min. 99.99%	1gm, 5gms
68580	Scandium (III) Trifluoromethanesulfonate [Scandium (III) triflate]	144026-79-9	min. 98%	1gm, 5gms

Terbium Series

Prdt. Code	Product Name	CAS No.	Assay	Packing Unit
67813	Terbium (III) Chloride Hexahydrate	13798-24-8	min. 99.9%	5gms, 25gms
52633	Terbium (III) Nitrate Hexahydrate	13451-19-9	min. 99.99%	2gms, 10gms
52313	Terbium (III) Nitrate Pentahydrate	57584-27-7	min. 99.9%	5gms, 25gms
62369	Terbium (III,IV) Oxide	12037-01-3	min. 99.99%	1gm, 5gms
99186	Terbium (III) Trifluoromethanesulfonate [Terbium (III) triflate]	148980-31-8	min. 98%	1gm, 5gms

Ytterbium Series

Prdt. Code	Product Name	CAS No.	Assay	Packing Unit
36744	Ytterbium (III) Chloride Anhydrous	10361-91-8	min. 99.9%	5gms
24099	Ytterbium (III) Chloride Hexahydrate	10035-01-5	min. 99.9%	10gms, 50gms
20435	Ytterbium (III) Nitrate Pentahydrate	35725-34-9	min. 99.9%	10gms, 50gms
58985	Ytterbium (III) Oxide	1314-37-0	min. 99.9%	10gms, 50gms
61813	Ytterbium (III) Trifluoromethanesulfonate Hydrate [Ytterbium (III) triflate]	252976-51-5	min. 98%	1gm, 5gms, 25gms

Yttrium Series

Prdt. Code	Product Name	CAS No.	Assay	Packing Unit
63390	Yttrium (III) Chloride Hexahydrate	10025-94-2	min. 99.9%	5gms, 25gms, 100gms
63190	Yttrium (III) Chloride Anhydrous	10361-92-9	min. 99.99%	10gms, 50gms
51515	Yttrium (III) Nitrate Hexahydrate	13494-98-9	min. 99.9%	25gms, 100gms
46561	Yttrium (III) Oxide	1314-36-9	min. 99.9%	10gms, 25gms
21412	Yttrium (III) Trifluoromethanesulfonate [Yttrium (III) triflate]	52093-30-8	min. 98%	5gms, 25gms



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