

ALB Materials Inc

2360 Corporate Circle . Suite 400
Henderson, NV 89074-7739

Website: www.albmaterials.com
E-mail: sales@albmaterials.com

Product Name	CAS Number	Formula	P_shape	Item No.	Purity
Lanthanum Acetate	[25721-92-0]	La(O ₂ C ₂ H ₃) ₃ .xH ₂ O	White powder	AC57-5N	99.999%
				AC57-4N	99.99%
				AC57-3N	99.9%
				AC57-2N	99%
Lanthanum Boride	[12008-21-8]	LaB ₆	Purple powder	BO57-3N	99.9%
				BO57-2N	99%
				BO57-1N8	98%
Lanthanum Carbonate	[54451-24-0]	La ₂ (CO ₃) ₃ .xH ₂ O	White powder	CA57-5N	99.999%
				CA57-4N	99.99%
				CA57-3N	99.9%
				CA57-2N	99%
Lanthanum Chloride	[20211-76-1]	LaCl ₃ .xH ₂ O	White yellow crystalline	CL57-5N	99.999%
				CL57-4N	99.99%
				CL57-3N	99.9%
				CL57-2N	99%
Lanthanum Fluoride	[13709-38-1]	LaF ₃	White powder or flake	FL57-5N	99.999%
				FL57-4N	99.99%
				FL57-3N	99.9%
				FL57-2N	99%
Lanthanum Hydroxide	[14507-19-8]	La(OH) ₃	White powder	OH57-5N	99.999%
				OH57-4N	99.99%
				OH57-3N	99.9%
				OH57-2N	99%
Lanthanum Metal	[7439-91-0]	La	Silvery lump pieces, ingots	ME57-3N5	99.95%
				ME57-3N	99.9%
				ME57-2N	99%
Lanthanum Nitrate	[10277-43-7]	La(NO ₃) ₃ .6H ₂ O	Off-white crystalline	NO57-5N	99.999%
				NO57-4N	99.99%
				NO57-3N	99.9%
				NO57-2N	99%
Lanthanum Oxalate	[537-03-1]	La ₂ (C ₂ O ₄) ₃ .10H ₂ O	White powder	OA57-5N	99.999%
				OA57-4N	99.99%
				OA57-3N	99.9%
				OA57-2N	99%
Lanthanum Oxide	[1312-81-8]	La ₂ O ₃	White powder	OX57-6N	99.9999%
				OX57-5N	99.999%
				OX57-4N5	99.995%
				OX57-4N	99.99%
Lanthanum Sulfate	[57804-25-8]	La ₂ (SO ₄) ₃ .xH ₂ O	White powder	SO57-5N	99.999%
				SO57-4N	99.99%
				SO57-3N	99.9%
				SO57-2N	99%
Cerium Acetate	[537-00-8]	Ce(O ₂ C ₂ H ₃) ₃ .xH ₂ O	White crystalline	AC58-5N	99.999%
				AC58-4N	99.99%
				AC58-3N	99.9%
				AC58-2N	99%

ALB Materials Inc

2360 Corporate Circle . Suite 400
Henderson, NV 89074-7739

Website: www.albmaterials.com
E-mail: sales@albmaterials.com

Cerium Ammonium Nitr:	[16774-21-3]	(NH ₄) ₂ Ce(NO ₃) ₆	Orange yellow crystalline	AN58-4N	99.99%
				AN58-3N5	99.95%
				AN58-3N	99.9%
Cerium Ammonium Sulf:	[10378-47-9]	(NH ₄) ₄ Ce(SO ₄) ₄ .xH ₂ O	Yellow powder	AS58-4N	99.99%
				AS58-3N	99.9%
				AS58-2N	99%
Cerium Carbonate	[54451-25-1]	Ce ₂ (CO ₃) ₃ .xH ₂ O	White crystalline	CA58-4N	99.99%
				CA58-3N5	99.95%
				CA58-3N	99.9%
				CA58-2N	99%
Cerium Chloride	[19423-76-8]	CeCl ₃ .xH ₂ O	White crystalline	CL58-5N	99.999%
				CL58-4N	99.99%
				CL58-3N	99.9%
				CL58-2N	99%
Cerium Fluoride	[7758-88-5]	CeF ₃	White powder	FL58-4N	99.99%
				FL58-3N	99.9%
				FL58-2N	99%
Cerium Hydroxide	[12014-56-1]	Ce(OH) ₄	Yellow powder	OH58-4N	99.99%
				OH58-3N	99.9%
				OH58-2N	99%
Cerium Metal	[7440-45-1]	Ce	Silvery lump pieces, ingots	ME58-3N5	99.95%
				ME58-3N	99.9%
				ME58-2N	99%
Cerium Mischmetal	[N/A]	CeM	Gray ingot	MS58-65	65%
				MS58-50	50%
				MS58-48N	48%N
				MS58-48H	48%H
Cerium Nitrate	[10294-41-4]	Ce(NO ₃) ₃ .6H ₂ O	White crystalline aggregate	NO58-5N	99.999%
				NO58-4N	99.99%
				NO58-3N	99.9%
				NO58-2N	99%
Cerium Oxalate	[15750-47-7]	Ce ₂ (C ₂ O ₄) ₃ .xH ₂ O	white power or crystalline	OA58-5N	99.999%
				OA58-4N	99.99%
				OA58-3N	99.9%
				OA58-2N	99%
Cerium Oxide	[1306-38-3]	CeO ₂	Yellow to tan powder	OX58-5N	99.999%
				OX58-4N	99.99%
				OX58-3N	99.9%
				OX58-2N	99%
Cerium Oxide Polishing F	[1306-38-3]	CeO ₂	Tannish, brown color powder	OX58PL-1005	1005
				OX58PL-1004	1004
				OX58PL-1003	1003
				OX58PL-1002	1002

ALB Materials Inc

2360 Corporate Circle . Suite 400
Henderson, NV 89074-7739

Website: www.albmaterials.com
E-mail: sales@albmaterials.com

Cerium Phosphate	[13454-71-2]	CePO ₄ .H ₂ O	White powder	PO58-4N	99.99%
				PO58-3N	99.9%
				PO58-2N	99%
Cerium Sulfate	[10450-59-6]	Ce ₂ (SO ₄) ₃ .8H ₂ O	Yellow to yellow, orange p	SO58-4N	99.99%
				SO58-3N	99.9%
				SO58-2N	99%
Scandium Acetate	[3804-23-7]	Sc(O ₂ C ₂ H ₃) ₃ .xH ₂ O	White crystalline, white so	AC21-6N	99.9999%
				AC21-5N	99.999%
				AC21-4N	99.99%
				AC21-3N	99.9%
Scandium Aluminium All	[113413-85-7]	Sc-Al	Silvery lump ingot or other	AL2113-2	2%Sc
				AL2113-1	1%Sc
Scandium Carbonate	[5809-49-4]	Sc ₂ (CO ₃) ₃ .xH ₂ O	White powder	CA21-5N	99.999%
				CA21-4N	99.99%
				CA21-3N	99.9%
Scandium Chloride	[20662-14-0]	ScCl ₃ .6H ₂ O	White crystalline	CL21-6N	99.9999%
				CL21-5N	99.999%
				CL21-4N	99.99%
				CL21-3N	99.9%
Scandium Fluoride	[13709-47-2]	ScF ₃	White powder or crystallin	FL21-5N	99.999%
				FL21-4N	99.99%
				FL21-3N	99.9%
Scandium Hydroxide	[17674-34-9]	Sc(OH) ₃ .xH ₂ O	White powder or crystallin	OH21-5N	99.999%
				OH21-4N	99.99%
				OH21-3N	99.9%
Scandium Metal	[7440-20-2]	Sc	Silvery lump pieces or othe	ME21-5N	99.999%
				ME21-4ND	99.999%D
				ME21-4N	99.99%
				ME21-3N	99.9%
Scandium Nitrate	[13465-60-6]	Sc(NO ₃) ₃ .5H ₂ O	White crystalline	NO21-6N	99.9999%
				NO21-5N	99.999%
				NO21-4N	99.99%
				NO21-3N	99.9%
Scandium Oxalate	[24670-07-3]	Sc ₂ (C ₂ O ₄) ₃ .xH ₂ O	White crystalline	OA21-6N	99.9999%
				OA21-5N	99.999%
				OA21-4N	99.99%
				OA21-3N	99.9%
Scandium Oxide	[12060-08-1]	Sc ₂ O ₃	White powder	OX21-6N	99.9999%
				OX21-5N	99.999%
				OX21-4N	99.99%
				OX21-3N	99.9%

ALB Materials Inc

2360 Corporate Circle . Suite 400
Henderson, NV 89074-7739

Website: www.albmaterials.com
E-mail: sales@albmaterials.com

Scandium Sulfate	[52788-54-2]	Sc ₂ (SO ₄) ₃ .8H ₂ O	White crystalline	SO21-5N	99.999%
				SO21-4N	99.99%
				SO21-3N	99.9%
Yttrium Acetate	[23363-14-6]	Y(O ₂ C ₂ H ₃) ₃ .xH ₂ O	White powder or crystallin	AC39-5N	99.999%
				AC39-4N	99.99%
				AC39-3N	99.9%
				AC39-2N	99%
Yttrium Carbonate	[38245-39-5]	Y ₂ (CO ₃) ₃ .xH ₂ O	White powder	CA39-5N	99.999%
				CA39-4N	99.99%
				CA39-3N	99.9%
				CA39-2N	99%
Yttrium Chloride	[10025-94-2]	YCl ₃ .6H ₂ O	White crystals or chunks	CL39-6N	99.9999%
				CL39-5N	99.999%
				CL39-4N	99.99%
				CL39-3N	99.9%
Yttrium Fluoride	[13709-49-4]	YF ₃	White powder	FL39-5N	99.999%
				FL39-4N	99.99%
				FL39-3N	99.9%
				FL39-2N	99%
Yttrium Hydroxide	[16469-22-0]	Y(OH) ₃ .xH ₂ O	White powder	OH39-5N	99.999%
				OH39-4N	99.99%
				OH39-3N	99.9%
				OH39-2N	99%
Yttrium Metal	[7440-65-5]	Y	Silvery lump pieces, ingots,	ME39-5N	99.999%
				ME39-4N	99.99%
				ME39-3N	99.9%
				ME39-2N	99%
Yttrium Nitrate	[13494-98-9]	Y(NO ₃) ₃ .6H ₂ O	White crystals, powder, or	NO39-5N	99.999%
				NO39-4N	99.99%
				NO39-3N	99.9%
				NO39-2N	99%
Yttrium Oxalate	[13266-82-5]	Y ₂ (C ₂ O ₄) ₃ .xH ₂ O	White crystalline	OA39-5N	99.999%
				OA39-4N	99.99%
				OA39-3N	99.9%
				OA39-2N	99%
Yttrium Oxide	[1314-36-9]	Y ₂ O ₃	White powder	OX39-6N	99.9999%
				OX39-5N	99.999%
				OX39-4N	99.99%
				OX39-3N	99.9%
Yttrium Sulfate	[7446-33-5]	Y ₂ (SO ₄) ₃ .8H ₂ O	white crystalline	SO39-5N	99.999%
				SO39-4N	99.99%
				SO39-3N	99.9%
				SO39-2N	99%
Praseodymium Acetate	[6192-12-7]	Pr(O ₂ C ₂ H ₃) ₃ .xH ₂ O	Green crystalline aggregati	AC59-5N	99.999%
				AC59-4N	99.99%
				AC59-3N	99.9%
				AC59-2N	99%

ALB Materials Inc

2360 Corporate Circle . Suite 400
Henderson, NV 89074-7739

Website: www.albmaterials.com
E-mail: sales@albmaterials.com

Praseodymium Carbonat [14948-62-0]	Pr ₂ (CO ₃) ₃ .8H ₂ O	Green crystalline	CA59-5N	99.999%
			CA59-4N	99.99%
			CA59-3N	99.9%
			CA59-2N	99%
Praseodymium Chloride [19423-77-9]	PrCl ₃ .xH ₂ O	Green crystalline	CL59-5N	99.999%
			CL59-4N	99.99%
			CL59-3N	99.9%
			CL59-2N	99%
Praseodymium Fluoride [13709-46-1]	PrF ₃	Green crystalline	FL59-5N	99.999%
			FL59-4N	99.99%
			FL59-3N	99.9%
			FL59-2N	99%
Praseodymium Hydroxid [16469-16-2]	Pr(OH) ₃ .xH ₂ O	Green crystalline	OH59-5N	99.999%
			OH59-4N	99.99%
			OH59-3N	99.9%
			OH59-2N	99%
Praseodymium Metal [7440-10-0]	Pr	Silvery white lump pieces,	ME59-3N	99.9%
			ME59-2N5	99.5%
			ME59-2N	99%
Praseodymium Nitrate [15878-77-0]	Pr(NO ₃) ₃ .6H ₂ O	Green crystalline	NO59-5N	99.999%
			NO59-4N	99.99%
			NO59-3N	99.9%
			NO59-2N	99%
Praseodymium Oxalate [24992-60-7]	Pr ₂ (C ₂ O ₄) ₃ .10H ₂ O	Green crystalline	OA59-5N	99.999%
			OA59-4N	99.99%
			OA59-3N	99.9%
			OA59-2N	99%
Praseodymium Oxide [12037-29-5]	Pr ₆ O ₁₁	Brown powder	OX59-5N	99.999%
			OX59-4N	99.99%
			OX59-3N	99.9%
			OX59-2N	99%
Praseodymium Sulfate [13510-41-3]	Pr ₂ (SO ₄) ₃ .8H ₂ O	Green power	SO59-4N	99.99%
			SO59-3N	99.9%
			SO59-2N	99%
Neodymium Acetate [6192-13-8]	Nd(O ₂ C ₂ H ₃) ₃ .xH ₂ O	Light purple crystalline	AC60-5N	99.999%
			AC60-4N	99.99%
			AC60-3N	99.9%
			AC60-2N	99%
Neodymium Carbonate [38245-38-4]	Nd ₂ (CO ₃) ₃ .xH ₂ O	Light purple powder	CA60-5N	99.999%
			CA60-4N	99.99%
			CA60-3N	99.9%
			CA60-2N	99%
Neodymium Chloride [10024-93-8]	NdCl ₃ .xH ₂ O	Purple crystalline aggregat	CL60-6N	99.9999%
			CL60-5N	99.999%
			CL60-4N	99.99%
			CL60-3N	99.9%

ALB Materials Inc

2360 Corporate Circle . Suite 400
Henderson, NV 89074-7739

Website: www.albmaterials.com
E-mail: sales@albmaterials.com

Neodymium Fluoride	[13709-42-7]	NdF ₃	Pale purple crystalline or p	FL60-5N	99.999%
				FL60-4N	99.99%
				FL60-3N	99.9%
				FL60-2N	99%
Neodymium Hydroxide	[16469-17-3]	Nd(OH) ₃ .xH ₂ O	Light purple powder	OH60-5N	99.999%
				OH60-4N	99.99%
				OH60-3N	99.9%
				OH60-2N	99%
Neodymium Metal	[7440-00-8]	Nd	Silvery lump pieces, ingots	ME60-3N5	99.95%
				ME60-3N	99.9%
				ME60-2N	99%
Neodymium Nitrate	[16454-60-7]	Nd(NO ₃) ₃ .6H ₂ O	Rose crystalline aggregate:	NO60-5N	99.999%
				NO60-4N	99.99%
				NO60-3N	99.9%
				NO60-2N	99%
Neodymium Oxalate	[28877-87-4]	Nd ₂ (C ₂ O ₄) ₃ .xH ₂ O	Light purple powder	OA60-5N	99.999%
				OA60-4N	99.99%
				OA60-3N	99.9%
				OA60-2N	99%
Neodymium Oxide	[1313-97-9]	Nd ₂ O ₃	Light blue powder	OX60-6N	99.9999%
				OX60-5N	99.999%
				OX60-4N	99.99%
				OX60-3N	99.9%
Neodymium Sulfate	[13477-91-3]	Nd ₂ (SO ₄) ₃ .8H ₂ O	Rose crystalline	SO60-5N	99.999%
				SO60-4N	99.99%
				SO60-3N	99.9%
				SO60-2N	99%
Samarium Acetate	[17829-86-6]	Sm(O ₂ C ₂ H ₃) ₃ .xH ₂ O	Light yellow crystalline	AC62-4N	99.99%
				AC62-3N	99.9%
				AC62-2N	99%
Samarium Carbonate	[38245-37-3]	Sm ₂ (CO ₃) ₃ .xH ₂ O	White powder	CA62-4N	99.99%
				CA62-3N	99.9%
				CA62-2N	99%
Samarium Chloride	[10361-82-7]	SmCl ₃ .xH ₂ O	Light yellow crystalline	CL62-5N	99.999%
				CL62-4N	99.99%
				CL62-3N	99.9%
				CL62-2N	99%
Samarium Fluoride	[13765-24-7]	SmF ₃	White powder	FL62-4N	99.99%
				FL62-3N	99.9%
				FL62-2N	99%
Samarium Hydroxide	[20403-06-9]	Sm(OH) ₃ .xH ₂ O	Light yellow powder	OH62-4N	99.99%
				OH62-3N	99.9%
				OH62-2N	99%

ALB Materials Inc

2360 Corporate Circle . Suite 400
Henderson, NV 89074-7739

Website: www.albmaterials.com
E-mail: sales@albmaterials.com

Samarium Metal	[7440-19-9]	Sm	Silvery lump pieces, ingots,	ME62-4ND	99.99%D
				ME62-4N	99.99%
				ME62-3N	99.9%
				ME62-2N	99%
Samarium Nitrate	[10361-83-8]	Sm(NO ₃) ₃ .xH ₂ O	Yellow crystalline aggregat	NO62-4N	99.99%
				NO62-3N	99.9%
				NO62-2N	99%
Samarium Oxalate	[14175-03-2]	Sm ₂ (C ₂ O ₄) ₃ .xH ₂ O	Light yellow powder	OA62-4N	99.99%
				OA62-3N	99.9%
				OA62-2N	99%
Samarium Oxide	[12060-58-1]	Sm ₂ O ₃	Light yellow powder	OX62-5N	99.999%
				OX62-4N	99.99%
				OX62-3N	99.9%
				OX62-2N	99%
Samarium Sulfate	[13465-58-2]	Sm ₂ (SO ₄) ₃ .8H ₂ O	Yellow crystalline	SO62-4N	99.99%
				SO62-3N	99.9%
				SO62-2N	99%
Gadolinium Acetate	[100587-93-7]	Gd(O ₂ C ₂ H ₃) ₃ .xH ₂ O	White crystalline	AC64-5N	99.999%
				AC64-4N	99.99%
				AC64-3N	99.9%
				AC64-2N	99%
Gadolinium Carbonate	[38245-36-2]	Gd ₂ (CO ₃) ₃ .xH ₂ O	White powder	CA64-5N	99.999%
				CA64-4N	99.99%
				CA64-3N	99.9%
				CA64-2N	99%
Gadolinium Chloride	[13450-84-5]	GdCl ₃ .6H ₂ O	White crystalline	CL64-5N	99.999%
				CL64-4N	99.99%
				CL64-3N	99.9%
				CL64-2N	99%
Gadolinium Fluoride	[13765-26-9]	GdF ₃	White crystalline	FL64-5N	99.999%
				FL64-4N	99.99%
				FL64-3N	99.9%
				FL64-2N	99%
Gadolinium Hydroxide	[100634-91-1]	Gd(OH) ₃ .xH ₂ O	White powder	OH64-5N	99.999%
				OH64-4N	99.99%
				OH64-3N	99.9%
				OH64-2N	99%
Gadolinium Metal	[7440-54-2]	Gd	Silvery grey ingot, rods, foi	ME64-4ND	99.99%D
				ME64-4N	99.99%
				ME64-3N	99.9%
				ME64-2N	99%
Gadolinium Nitrate	[94219-55-3]	Gd(NO ₃) ₃ .xH ₂ O	White crystalline	NO64-5N	99.999%
				NO64-4N	99.99%
				NO64-3N	99.9%
				NO64-2N	99%

ALB Materials Inc

2360 Corporate Circle . Suite 400
Henderson, NV 89074-7739

Website: www.albmaterials.com
E-mail: sales@albmaterials.com

Gadolinium Oxalate	[22992-15-0]	Gd ₂ (C ₂ O ₄) ₃ .10H ₂ O	White crystalline or powder	OA64-5N	99.999%
				OA64-4N	99.99%
				OA64-3N	99.9%
				OA64-2N	99%
Gadolinium Oxide	[12064-62-9]	Gd ₂ O ₃	White powder	OX64-6N	99.9999%
				OX64-5N	99.999%
				OX64-4N	99.99%
				OX64-3N	99.9%
Gadolinium Sulfate	[13450-87-8]	Gd ₂ (SO ₄) ₃ .8H ₂ O	White crystalline	SO64-5N	99.999%
				SO64-4N	99.99%
				SO64-3N	99.9%
				SO64-2N	99%
Ytterbium Acetate	[15280-58-7]	Yb(O ₂ C ₂ H ₃) ₃ .xH ₂ O	White crystalline	AC70-6N	99.9999%
				AC70-5N	99.999%
				AC70-4N	99.99%
				AC70-3N	99.9%
Ytterbium Carbonate	[5895-52-3]	Yb ₂ (CO ₃) ₃ .xH ₂ O	White crystalline	CA70-6N	99.9999%
				CA70-5N	99.999%
				CA70-4N	99.99%
				CA70-3N	99.9%
Ytterbium Chloride	[19423-87-1]	YbCl ₃ .xH ₂ O	White crystalline	CL70-6N	99.9999%
				CL70-5N	99.999%
				CL70-4N	99.99%
				CL70-3N	99.9%
Ytterbium Fluoride	[13860-80-0]	YbF ₃	White powder	FL70-6N	99.9999%
				FL70-5N	99.999%
				FL70-4N	99.99%
				FL70-3N	99.9%
Ytterbium Hydroxide	[16469-20-8]	Yb(OH) ₃ .xH ₂ O	White powder	OH70-5N	99.999%
				OH70-4N	99.99%
				OH70-3N	99.9%
Ytterbium Metal	[7440-64-4]	Yb	Silvery grey lump pieces, in	ME70-4ND	99.99%D
				ME70-4N	99.99%
				ME70-3N	99.9%
				ME70-2N	99%
Ytterbium Nitrate	[35725-34-9]	Yb(NO ₃) ₃ .5H ₂ O	White crystalline	NO70-6N	99.9999%
				NO70-5N	99.999%
				NO70-4N	99.99%
				NO70-3N	99.9%
Ytterbium Oxalate	[58176-74-2]	Yb ₂ (C ₂ O ₄) ₃ .xH ₂ O	White crystalline	OA70-6N	99.9999%
				OA70-5N	99.999%
				OA70-4N	99.99%
				OA70-3N	99.9%
Ytterbium Oxide	[1314-37-0]	Yb ₂ O ₃	White powder	OX70-6N	99.9999%
				OX70-5N	99.999%
				OX70-4N	99.99%
				OX70-3N	99.9%

ALB Materials Inc

2360 Corporate Circle . Suite 400
Henderson, NV 89074-7739

Website: www.albmaterials.com
E-mail: sales@albmaterials.com

Ytterbium Sulfate	[10034-98-7]	Yb ₂ (SO ₄) ₃ .8H ₂ O	White crystalline	SO70-5N	99.999%
				SO70-4N	99.99%
				SO70-3N	99.9%
Terbium Acetate	[16922-07-9]	Tb(O ₂ C ₂ H ₃) ₃ .xH ₂ O	White crystalline	AC65-5N	99.999%
				AC65-4N	99.99%
				AC65-3N	99.9%
				AC65-2N	99%
Terbium Carbonate	[100587-96-0]	Tb ₂ (CO ₃) ₃ .xH ₂ O	White crystalline	CA65-5N	99.999%
				CA65-4N	99.99%
				CA65-3N	99.9%
				CA65-2N	99%
Terbium Chloride	[13798-24-8]	TbCl ₃ .6H ₂ O	White crystalline	CL65-5N	99.999%
				CL65-4N	99.99%
				CL65-3N	99.9%
				CL65-2N	99%
Terbium Fluoride	[13708-63-9]	TbF ₃	White crystalline	FL65-5N	99.999%
				FL65-4N	99.99%
				FL65-3N	99.9%
				FL65-2N	99%
Terbium Hydroxide	[12054-65-8]	Tb(OH) ₃ .xH ₂ O	White crystalline	OH65-5N	99.999%
				OH65-4N	99.99%
				OH65-3N	99.9%
				OH65-2N	99%
Terbium Metal	[7440-27-9]	Tb	Silvery grey ingot, rods, foi	ME65-4ND	99.99%D
				ME65-4N	99.99%
				ME65-3N	99.9%
				ME65-2N	99%
Terbium Nitrate	[57584-27-7]	Tb(NO ₃) ₃ .6H ₂ O	White crystalline	NO65-5N	99.999%
				NO65-4N	99.99%
				NO65-3N	99.9%
				NO65-2N	99%
Terbium Oxalate	[24670-06-2]	Tb ₂ (C ₂ O ₄) ₃ .10H ₂ O	White crystalline	OA65-5N	99.999%
				OA65-4N	99.99%
				OA65-3N	99.9%
				OA65-2N	99%
Terbium Oxide	[12037-01-3]	Tb ₄ O ₇	Brown powder	OX65-6N	99.9999%
				OX65-5N	99.999%
				OX65-4N	99.99%
				OX65-3N	99.9%
Terbium Sulfate	[13842-67-6]	Tb ₂ (SO ₄) ₃ .8H ₂ O	White crystalline	SO65-5N	99.999%
				SO65-4N	99.99%
				SO65-3N	99.9%
				SO65-2N	99%
Dysprosium Acetate	[15280-55-4]	Dy(O ₂ C ₂ H ₃) ₃ .4H ₂ O	White crystalline	AC66-5N	99.999%
				AC66-4N	99.99%
				AC66-3N	99.9%
				AC66-2N	99%

ALB Materials Inc

2360 Corporate Circle . Suite 400
Henderson, NV 89074-7739

Website: www.albmaterials.com
E-mail: sales@albmaterials.com

Dysprosium Carbonate	[38245-35-1]	Dy ₂ (CO ₃) ₃ .4H ₂ O	White powder	CA66-5N	99.999%
				CA66-4N	99.99%
				CA66-3N	99.9%
				CA66-2N	99%
Dysprosium Chloride	[10025-74-8]	DyCl ₃ .6H ₂ O	White to yellow crystalline	CL66-5N	99.999%
				CL66-4N	99.99%
				CL66-3N	99.9%
				CL66-2N	99%
Dysprosium Fluoride	[13569-80-7]	DyF ₃	White powder, pieces	FL66-5N	99.999%
				FL66-4N	99.99%
				FL66-3N	99.9%
				FL66-2N	99%
Dysprosium Hydroxide	[1308-85-6]	Dy(OH) ₃ .xH ₂ O	White crystalline	OH66-5N	99.999%
				OH66-4N	99.99%
				OH66-3N	99.9%
				OH66-2N	99%
Dysprosium Metal	[7429-91-6]	Dy	Silvery grey lump pieces, in	ME66-4ND	99.99%D
				ME66-4N	99.99%
				ME66-3N	99.9%
				ME66-2N	99%
Dysprosium Nitrate	[10031-49-9]	Dy(NO ₃) ₃ .5H ₂ O	Light yellow crystalline	NO66-5N	99.999%
				NO66-4N	99.99%
				NO66-3N	99.9%
				NO66-2N	99%
Dysprosium Oxalate	[24670-07-3]	Dy ₂ (C ₂ O ₄) ₃ .10H ₂ O	White crystalline or powder	OA66-5N	99.999%
				OA66-4N	99.99%
				OA66-3N	99.9%
				OA66-2N	99%
Dysprosium Oxide	[1308-87-8]	Dy ₂ O ₃	White powder	OX66-6N	99.9999%
				OX66-5N	99.999%
				OX66-4N	99.99%
				OX66-3N	99.9%
Dysprosium Sulfate	[10031-50-2]	Dy ₂ (SO ₄) ₃ .xH ₂ O	White crystalline	SO66-4N	99.99%
				SO66-3N	99.9%
				SO66-2N	99%
Europium Acetate	[62667-64-5]	Eu(O ₂ C ₂ H ₃) ₃ .xH ₂ O	White crystalline or powder	AC63-5N	99.999%
				AC63-4N	99.99%
				AC63-3N	99.9%
Europium Carbonate	[86546-99-8]	Eu ₂ (CO ₃) ₃ .xH ₂ O	White powder	CA63-5N	99.999%
				CA63-4N	99.99%
				CA63-3N	99.9%
Europium Chloride	[13759-92-7]	EuCl ₃ .6H ₂ O	White crystalline	CL63-5N	99.999%
				CL63-4N	99.99%
				CL63-3N	99.9%

ALB Materials Inc

2360 Corporate Circle . Suite 400
Henderson, NV 89074-7739

Website: www.albmaterials.com
E-mail: sales@albmaterials.com

Europium Fluoride	[13765-25-8]	EuF ₃	White crystalline or powder	FL63-5N	99.999%
				FL63-4N	99.99%
				FL63-3N	99.9%
Europium Hydroxide	[16469-19-5]	Eu(OH) ₃ .xH ₂ O	White crystalline	OH63-5N	99.999%
				OH63-4N	99.99%
				OH63-3N	99.9%
Europium Metal	[7440-53-1]	Eu	Silvery grey lump pieces	ME63-4ND	99.99%D
				ME63-4N	99.99%
				ME63-3N	99.9%
Europium Nitrate	[10031-53-5]	Eu(NO ₃) ₃ .6H ₂ O	Colorless crystalline or powder	NO63-5N	99.999%
				NO63-4N	99.99%
				NO63-3N	99.9%
Europium Oxalate	[152864-32-9]	Eu ₂ (C ₂ O ₄) ₃ .xH ₂ O	White powder	OA63-5N	99.999%
				OA63-4N	99.99%
				OA63-3N	99.9%
Europium Oxide	[1308-96-9]	Eu ₂ O ₃	White powder or chunks	OX63-5N	99.999%
				OX63-4N	99.99%
				OX63-3N	99.9%
Europium Sulfate	[10031-55-7]	Eu ₂ (SO ₄) ₃ .8H ₂ O	Light red crystalline	SO63-5N	99.999%
				SO63-4N	99.99%
				SO63-3N	99.9%
Holmium Acetate	[312619-49-1]	Ho(O ₂ C ₂ H ₃) ₃ .xH ₂ O	Light yellow crystalline	AC67-5N	99.999%
				AC67-4N	99.99%
				AC67-3N	99.9%
				AC67-2N	99%
Holmium Carbonate	[38245-34-0]	Ho ₂ (CO ₃) ₃ .xH ₂ O	White powder	CA67-5N	99.999%
				CA67-4N	99.99%
				CA67-3N	99.9%
				CA67-2N	99%
Holmium Chloride	[14914-84-2]	HoCl ₃ .6H ₂ O	Light yellow crystalline	CL67-5N	99.999%
				CL67-4N	99.99%
				CL67-3N	99.9%
				CL67-2N	99%
Holmium Fluoride	[13760-78-6]	HoF ₃	Light yellow powder	FL67-5N	99.999%
				FL67-4N	99.99%
				FL67-3N	99.9%
				FL67-2N	99%
Holmium Hydroxide	[12054-57-8]	Ho(OH) ₃ .xH ₂ O	Light yellow crystalline	OH67-5N	99.999%
				OH67-4N	99.99%
				OH67-3N	99.9%
				OH67-2N	99%

ALB Materials Inc

2360 Corporate Circle . Suite 400
Henderson, NV 89074-7739

Website: www.albmaterials.com
E-mail: sales@albmaterials.com

Holmium Metal	[7440-60-0]	Ho	Silvery grey lump piwces, ii	ME67-4ND	99.99%D
				ME67-4N	99.99%
				ME67-3N	99.9%
				ME67-2N	99%
Holmium Nitrate	[14483-18-2]	Ho(NO ₃) ₃ .xH ₂ O	Yellow crystalline	NO67-5N	99.999%
				NO67-4N	99.99%
				NO67-3N	99.9%
				NO67-2N	99%
Holmium Oxalate	[28965-57-3]	Ho ₂ (C ₂ O ₄) ₃ .xH ₂ O	White crystalline	OA67-5N	99.999%
				OA67-4N	99.99%
				OA67-3N	99.9%
				OA67-2N	99%
Holmium Oxide	[12055-62-8]	Ho ₂ O ₃	Light yellow powder	OX67-5N	99.999%
				OX67-4N	99.99%
				OX67-3N	99.9%
				OX67-2N	99%
Holmium Sulfate	[15622-40-9]	Ho ₂ (SO ₄) ₃ .xH ₂ O	White crystalline	SO67-5N	99.999%
				SO67-4N	99.99%
				SO67-3N	99.9%
				SO67-2N	99%
Erbium Acetate	[15280-57-6]	Er(O ₂ C ₂ H ₃) ₃ .xH ₂ O	Pink crystalline	AC68-5N	99.999%
				AC68-4N	99.99%
				AC68-3N	99.9%
				AC68-2N	99%
Erbium Carbonate	[22992-83-2]	Er ₂ (CO ₃) ₃ .xH ₂ O	Pink powder	CA68-5N	99.999%
				CA68-4N	99.99%
				CA68-3N	99.9%
				CA68-2N	99%
Erbium Chloride	[10138-41-7]	ErCl ₃ .xH ₂ O	Pink crystalline	CL68-5N	99.999%
				CL68-4N	99.99%
				CL68-3N	99.9%
				CL68-2N	99%
Erbium Fluoride	[13760-83-3]	ErF ₃	Pink powder	FL68-5N	99.999%
				FL68-4N	99.99%
				FL68-3N	99.9%
				FL68-2N	99%
Erbium Hydroxide	[14646-16-3]	Er(OH) ₃ .xH ₂ O	Purple crystalline	OH68-5N	99.999%
				OH68-4N	99.99%
				OH68-3N	99.9%
				OH68-2N	99%
Erbium Metal	[7440-52-0]	Er	Silvery grey lump piwces, ii	ME68-4ND	99.99%D
				ME68-4N	99.99%
				ME68-3N	99.9%
				ME68-2N	99%
Erbium Nitrate	[10031-51-3]	Er(NO ₃) ₃ .xH ₂ O	Pink crystalline	NO68-5N	99.999%
				NO68-4N	99.99%
				NO68-3N	99.9%
				NO68-2N	99%

ALB Materials Inc

2360 Corporate Circle . Suite 400
Henderson, NV 89074-7739

Website: www.albmaterials.com
E-mail: sales@albmaterials.com

Erbium Oxalate	[30618-31-6]	Er ₂ (C ₂ O ₄) ₃ .10H ₂ O	Pink crystalline	OA68-5N	99.999%
				OA68-4N	99.99%
				OA68-3N	99.9%
				OA68-2N	99%
Erbium Oxide	[12061-16-4]	Er ₂ O ₃	Pink powder	OX68-6N	99.9999%
				OX68-5N	99.999%
				OX68-4N	99.99%
				OX68-3N	99.9%
Erbium Sulfate	[10031-52-4]	Er ₂ (SO ₄) ₃ .8H ₂ O	Pink crystalline	SO68-5N	99.999%
				SO68-4N	99.99%
				SO68-3N	99.9%
				SO68-2N	99%
Lutetium Acetate	[18779-08-3]	Lu(O ₂ C ₂ H ₃) ₃ .xH ₂ O	White crystalline	AC71-6N	99.9999%
				AC71-5N	99.999%
				AC71-4N	99.99%
				AC71-3N	99.9%
Lutetium Carbonate	[5895-53-4]	Lu ₂ (CO ₃) ₃ .xH ₂ O	White crystalline	CA71-6N	99.9999%
				CA71-5N	99.999%
				CA71-4N	99.99%
				CA71-3N	99.9%
Lutetium Chloride	[15230-79-2]	LuCl ₃ .6H ₂ O	White crystalline	CL71-6N	99.9999%
				CL71-5N	99.999%
				CL71-4N	99.99%
				CL71-3N	99.9%
Lutetium Fluoride	[13760-81-1]	LuF ₃	White Powder	FL71-6N	99.9999%
				FL71-5N	99.999%
				FL71-4N	99.99%
				FL71-3N	99.9%
Lutetium Hydroxide	[16469-21-9]	Lu(OH) ₃ .xH ₂ O	White Powder	OH71-5N	99.999%
				OH71-4N	99.99%
				OH71-3N	99.9%
Lutetium Metal	[7439-94-3]	Lu	Silvery grey lump pieces, ir	ME71-4ND	99.99%D
				ME71-4N	99.99%
				ME71-3N	99.9%
				ME71-2N	99%
Lutetium Nitrate	[100641-16-5]	Lu(NO ₃) ₃ .xH ₂ O	White crystalline	NO71-6N	99.9999%
				NO71-5N	99.999%
				NO71-4N	99.99%
				NO71-3N	99.9%
Lutetium Oxalate	[26677-69-0]	Lu ₂ (C ₂ O ₄) ₃ .9H ₂ O	White crystalline	OA71-6N	99.9999%
				OA71-5N	99.999%
				OA71-4N	99.99%
				OA71-3N	99.9%
Lutetium Oxide	[12032-20-1]	Lu ₂ O ₃	White powder	OX71-6N	99.9999%
				OX71-5N	99.999%
				OX71-4N	99.99%
				OX71-3N	99.9%

ALB Materials Inc

2360 Corporate Circle . Suite 400
 Henderson, NV 89074-7739

Website: www.albmaterials.com
 E-mail: sales@albmaterials.com

Lutetium Sulfate	[13473-77-3]	Lu ₂ (SO ₄) ₃ .xH ₂ O	White crystalline	SO71-5N	99.999%
				SO71-4N	99.99%
				SO71-3N	99.9%
Thulium Acetate	[314041-04-8]	Tm(O ₂ C ₂ H ₃) ₃ .xH ₂ O	White crystalline	AC69-6N	99.9999%
				AC69-5N	99.999%
				AC69-4N	99.99%
				AC69-3N	99.9%
Thulium Carbonate	[87198-17-2]	Tm ₂ (CO ₃) ₃ .xH ₂ O	White powder	CA69-6N	99.9999%
				CA69-5N	99.999%
				CA69-4N	99.99%
				CA69-3N	99.9%
Thulium Chloride	[19423-86-0]	TmCl ₃ .xH ₂ O	Green crystalline aggregate	CL69-6N	99.9999%
				CL69-5N	99.999%
				CL69-4N	99.99%
				CL69-3N	99.9%
Thulium Fluoride	[13760-79-7]	TmF ₃	White crystalline	FL69-6N	99.9999%
				FL69-5N	99.999%
				FL69-4N	99.99%
				FL69-3N	99.9%
Thulium Metal	[7440-30-4]	Tm	Silvery grey lump pieces, ir	ME69-4ND	99.99%D
				ME69-4N	99.99%
				ME69-3N	99.9%
Thulium Nitrate	[35725-33-8]	Tm(NO ₃) ₃ .xH ₂ O	White crystalline	NO69-6N	99.9999%
				NO69-5N	99.999%
				NO69-4N	99.99%
				NO69-3N	99.9%
Thulium Oxalate	[58176-73-1]	Tm ₂ (C ₂ O ₄) ₃ .xH ₂ O	White crystalline	OA69-6N	99.9999%
				OA69-5N	99.999%
				OA69-4N	99.99%
				OA69-3N	99.9%
Thulium Oxide	[12036-44-1]	Tm ₂ O ₃	White powder	OX69-6N	99.9999%
				OX69-5N	99.999%
				OX69-4N	99.99%
				OX69-3N	99.9%
Thulium Sulfate	[13778-40-0]	Tm ₂ (SO ₄) ₃ .8H ₂ O	White powder	SO69-5N	99.999%
				SO69-4N	99.99%
				SO69-3N	99.9%