



Headquarters:
 11555 Medlock Bridge Rd, #100
 Johns Creek, GA 30097, USA
 T: +1.888.658.1221
 F: +1.678.619.2020

Manufacturing site:
 410 Forest Avenue
 Sheboygan Falls, WI 53085, USA
 T: +1.920.234.2322
 F: +1.678.619.2020

E: info@ereztech.com

W: <https://www.ereztech.com>

Certificate of analysis

Reference #: SM9836-102309

Analysis date: 1/6/2021

Product name	Samarium nitrate, hexahydrate, 99.99%				
Ereztech #	SM9836	CAS#	13759-83-6	%Sm	33.59
Lot/batch #	102309	Net weight/volume		Seal #	N/A
CofO	USA				

Analytical results						
Analytical method	Emission Spectroscopy					
Impurity weight, ppm	Ag	<0.2	Gd	<200	Sb	<1
	Al	2.34	K	<1	Se	<1
	As	<2	Li	<0.2	Si	2.52
	Ba	<2	Mg	0.55	Sn	<0.2
	Ca	33.23	Mn	<0.2	Sr	1.15
	Cd	0.46	Mo	<0.2	Ti	<0.2
	Co	<0.2	Na	8.91	V	<0.2
	Cr	0.81	Nd	<300	Y	<100
	Eu	<300	Ni	0.27	Zn	1.25
	Fe	<10	Pr	<100	Zr	<30