

Certificate of Analysis

Date of Testing: 2023-08-21 15:02:31

Date of Next Testing: 2027-08-20 15:02:31

Product Name: **Samarium oxide**

CAS Number: 12060-58-1

Specifications & Purity: 99.99% metals basis

Lot #: H2318711

SKU #: **S108775**

Analysis: **260833**

Parameter	Limit Values	Result
Sm(Complexometric EDTA)	84-88.4 (%)	86.29 %
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99 %
Trace Rare Earth Analysis	0-200 (ppm)	87.00 ppm
Appearance (S108775)	Off-White to Pale Orange Powder	Off-White to Pale Orange Powder
ICP: Confirms Samarium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager