

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-14 14:45:38
 Date of Next Testing: 2027-10-04 14:45:38
 Product Name: **Samarium(III) bromide**
 CAS Number: 13759-87-0
 Specifications & Purity: anhydrous, ≥99.9% metals basis, powder
 Lot #: L2327118
 SKU #: **S119164**
 Version: **0**
 Analysis #: **587262**

Parameter	Limit Values	Result
Complexometric EDTA (% Sm)	37.4-39.7 (%)	38.22 %
Water by Karl Fischer	0-2 (%)	1.02 %
Trace Rare Earth Analysis	0-2000 (ppm)	140.00 ppm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.99 %
Appearance (S119164)	yellow powder	yellow powder
ICP: Confirms Samarium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager