

Certificate of Analysis

Date of Testing: 2023-08-04 10:50:09

Date of Next Testing: 2027-08-03 10:50:09

Product Name: **Samarium(III) fluoride**

CAS Number: 13765-24-7

Specifications & Purity: anhydrous, 99.9% metals basis

Lot #: C1407064

SKU #: **S122325**

Analysis: **259624**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.79 %
Trace Rare Earth Analysis	0-2000 (ppm)	337.00 ppm
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.97 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager