

Certificate of Analysis

Date of Testing: 2025-04-11 16:41:40
Date of Next Testing: 2029-04-10 16:41:40
Product Name: **Samarium(III) fluoride**
CAS Number: 13765-24-7
Specifications & Purity: anhydrous, ≥99.9% metals basis
Lot #: G2106037
SKU #: **S122325**
Version: **0**
Analysis #: **494142**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.79 %
Trace Rare Earth Analysis	0-2000 (ppm)	339.00 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