

Certificate of Analysis

Date of Testing: 2023-05-09 13:31:59

Date of Next Testing: 2027-05-08 13:31:59

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

CAS Number: 13765-24-7

Specifications & Purity: anhydrous, 99.9% metals basis

Lot #: D23261101

SKU #: **S122325**

Analysis: **220054**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.50 %
Trace Rare Earth Analysis	0-2000 (ppm)	100.00 ppm
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.99 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager