

## Certificate of Analysis

Date of Testing: 2024-12-04 08:51:31

Date of Next Testing: 2028-12-03 08:51:31

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

CAS Number: 13765-24-7

Specifications & Purity: anhydrous, ≥99.9% metals basis

Lot #: K2428481

SKU #: **S122325**

Version: **0**

Analysis #: **350790**

Storage Temperature: Desiccated

| Parameter                                  | Limit Values          | Result                |
|--------------------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer                      | 0-1 (%)               | 0.76 %                |
| Trace Rare Earth Analysis                  | 0-2000 (ppm)          | 700.00 ppm            |
| Purity(Based On Trace Rare Earth Analysis) | 99.9-100 (%)          | 99.93 %               |
| X-Ray Diffraction                          | Conforms to Structure | Conforms to Structure |



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