

**CERTIFICATE OF ANALYSIS**

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by TUV SUD America Inc.  
Certificate Number. 951001163

Catalogue Number 035804  
Lot Number R05L023  
Description Samarium(III) chloride, ultra dry, 99.9% (REO)  
CAS Number 10361-82-7  
Quality Test/Release Date 05/May/2025  
Suggested retest date 05/May/2030  
Country of Origin Turkey  
Declaration of Origin Synthetic

Result Name	Units	Specifications	Test Value
Appearance (Color)		Yellow	Yellow
Form		Powder	Powder
Residual water	ppm	< 100 ppm	<100
Total Rare Earth Oxide Impurities	%	0.1% max.	0.0188

*John Astarita*

John Astarita  
Director, Quality

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.