

Certificate of Analysis

Compound Information

Product Name:	Samarium(III) chloride
Cat. No.:	1182668
CAS No.:	10361-82-7
Molecular Formula:	Cl ₃ Sm
Molecular Weight:	256.76
Chemical Structure:	



Batch Information

Batch No.:	Le052071393
Storage:	Store at room temperature, keep dry and cool
Test Date:	2021-05-20
Retest Date:	2026-05-19
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
Purity:	≥99.0%
Fe ₂ O ₃ :	0.002%
CaO:	0.005%
SiO ₂ :	0.005%
Na ₂ O:	0.004%
CeO ₂ :	<0.001%
La ₂ O ₃ :	<0.001%
Eu ₂ O ₃ :	<0.0005%
Tb ₄ O ₇ :	<0.001%
Dy ₂ O ₃ :	<0.001%
Ho ₂ O ₃ :	<0.001%
Er ₂ O ₃ :	<0.0005%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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