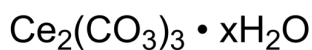


Certificate of Analysis

Compound Information

Product Name:	Cerium(III) carbonate hydrate
Cat. No.:	1182583
CAS No.:	54451-25-1
Molecular Formula:	$C_3Ce_2O_9 \cdot xH_2O$
Molecular Weight:	460.26 (anhydrous basis)
Chemical Structure:	



Batch Information

Batch No.:	Lf0624142551
Storage:	2-8°C, protect from light, stored under nitrogen
Mfg. Date:	2022-06-25
Retest Date:	2025-06-24
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
Assay:	99.95%
La ₂ O ₃ :	0.005%
Nd ₂ O ₃ :	0.002%
Pr ₆ O ₁₁ :	0.005%
Sm ₂ O ₃ :	<0.001%
Y ₂ O ₃ :	<0.001%
Fe ₂ O ₃ :	0.001%
SO ₄ ²⁻ :	0.01%
CL ⁻ :	0.03%
SiO ₂ :	0.002%
CaO:	0.005%
Na ₂ O:	0.005%
PbO:	0.002%

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

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

Tel: 400-821-0725

E-mail: product@leyan.com

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai