

Certificate of Analysis

Compound Information

Product Name:	Cerium(III) chloride beads
Cat. No.:	1043381
CAS No.:	7790-86-5
Molecular Formula:	CeCl ₃
Molecular Weight:	246.48
Chemical Structure:	



Batch Information

Batch No.:	Lg0710277028
Storage:	Store at room temperature
Test Date:	2023-07-10
Retest Date:	2028-07-09
Origin:	Shanghai, China

QC Summary

QC Summary	Specification	Result
Appearance:	White to off-white (Solid)	white (Powder)
Assay(based on TREO),ω/%:	≥99.99	99.99
Moisture,ω/%:	≤0.8	qualified
Calcium Oxide(CaO),ω/%:	≤0.0018	qualified
Silica(SiO ₂),ω/%:	≤0.0035	qualified
Iron Oxide(Fe ₂ O ₃),ω/%:	≤0.0019	qualified
Yttrium Oxide (Y ₂ O ₃), ω/%:	≤0.0010	qualified
Lutetium(III) Oxide(Lu ₂ O ₃),ω/%:	≤0.0005	qualified
Ytterbium Oxide(Yb ₂ O ₃),ω/%:	≤0.0005	qualified
Thulium Oxide(Tm ₂ O ₃),ω/%:	≤0.0005	qualified
Erbium Oxide(Er ₂ O ₃),ω/%:	≤0.0005	qualified
Holmium Oxide (Ho ₂ O ₃),ω/%:	≤0.0005	qualified
Dysprosium Oxide(Dy ₂ O ₃),ω/%:	≤0.0005	qualified
Terbium Oxide (Tb ₄ O ₇),ω/%:	≤0.0005	qualified
Gadolinium Trioxide (Gd ₂ O ₃),ω/%:	≤0.0005	qualified

Europium Oxide (Eu₂O₃),ω/%:	≤0.0005	qualified
Samarium Oxide (Sm₂O₃),ω/%:	≤0.0005	qualified
Neodymium Oxide (Nd₂O₃),ω/%:	≤0.0005	qualified
Lanthanum Trioxide (La₂O₃),ω/%:	0.0020	qualified
Praseodymium Oxid(Pr₆O₁₁),ω/%:	≤0.0010	qualified
CeO₂/TREO,ω/%:	≥99.99	qualified
TREO,ω/%:	69.45	qualified
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