

Certificate of Analysis

Compound Information

Product Name:	Terbium(III) chloride
Cat. No.:	1156381
CAS No.:	10042-88-3
Molecular Formula:	Cl ₃ Tb
Molecular Weight:	265.28
Chemical Structure:	



Batch Information

Batch No.:	Lf1011173989
Storage:	2-8°C, protect from light, stored under nitrogen
Mfg. Date:	2022-10-11
Retest Date:	2025-10-10
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
Purity:	≥99.0%
La ₂ O ₃ :	≤0.005%
CeO ₂ :	≤0.005%
Pr ₆ O ₁₁ :	≤0.005%
Nd ₂ O ₃ :	≤0.005%
Sm ₂ O ₃ :	≤0.005%
Gd ₂ O ₃ :	≤0.008%
Eu ₂ O ₃ :	≤0.005%
Dy ₂ O ₃ :	≤0.003%
Ho ₂ O ₃ :	≤0.005%
Er ₂ O ₃ :	≤0.005%
Yb ₂ O ₃ :	≤0.005%
Y ₂ O ₃ :	≤0.005%
Fe ₂ O ₃ :	≤0.005%

SiO₂: ≤0.006%

CaO: ≤0.005%

H₂O: ≤0.5%

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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