

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	35529
Lot Number	003195-20201217
Product	Erbium(III) nitrate pentahydrate Erbium trinitrate pentahydrate
CAS Number	10031-51-3
Molecular Formula	Er(NO ₃) ₃ •5H ₂ O
Molecular Weight	443.35

Appearance	Pink crystals
Related Substances	RE Impurities Content CeO ₂ : 0.001%, La ₂ O ₃ : 0.001%, Pr ₆ O ₁₁ : 0.001%; Nd ₂ O ₃ : 0.001%, Sm ₂ O ₃ : 0.001%, Y ₂ O ₃ : 0.005% Non-RE Impurities Content Fe ₂ O ₃ : 0.0004%, SO ₄ ²⁻ : 0.003%, SiO ₂ : 0.002%, Na ₂ O : 0.001%, CaO : 0.001%
Purity	TREO : > 39.95% Er ₂ O ₃ / TREO : > 99.90%
Storage	Store at RT
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager