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Certificate of Analysis

Catalogue Number	35528
Lot Number	003184-23111501
Product	Erbium(III) chloride hexahydrate Erbium trichloride hexahydrate
CAS Number	10025-75-9
Molecular Formula	ErCl ₃ •6H ₂ O
Molecular Weight	381.71

Appearance	Pink crystalline powder or chunks
Related Substances	Impurities : La ₂ O ₃ , CeO ₂ , Pr ₆ O ₁₁ , Nd ₂ O ₃ , Sm ₂ O ₃ , Tb ₄ O ₇ , Eu ₂ O ₃ , Dy ₂ O ₃ , Ho ₂ O ₃ , Tm ₂ O ₃ : < 0.005% Y ₂ O ₃ : < 0.010%, Lu ₂ O ₃ : 0.020%, Fe ₂ O ₃ : < 0.001% CaO : < 0.004%, SiO ₂ : < 0.004%
Assay	> 99.9% (Rare Earth Oxide)
Additional Information	Er ₂ O ₃ /TREO : > 99.9% TREO : > 44.3% (Trace metal basis)
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