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Certificate of Analysis

Catalogue Number	35567
Lot Number	003131-12092
Product	Holmium(III) nitrate pentahydrate Holmium trinitrate pentahydrate
CAS Number	14483-18-2
Molecular Formula	Ho(NO ₃) ₃ •5H ₂ O
Molecular Weight	441.02

Appearance	Brownish orange crystalline powder
Anion	Si : < 20 ppm
Purity	99.9% (REO, Metals basis)
Storage	Store at RT
Additional Information	Na+K : < 20 ppm, Mg : < 5 ppm, Al : < 10 ppm, Ca : < 20 ppm, Ti : < 1 ppm, Cr : < 1 ppm, Mn : < 1 ppm, Fe : < 8 ppm, Ni : < 5 ppm, Cu : < 1 ppm, Zn : < 1 ppm, Y : < 10 ppm, Ba : < 1 ppm, La : < 10 ppm, Ce : < 10 ppm, Pr : < 10 ppm, Nd : < 20 ppm, Sm : < 20 ppm, Eu : < 10 ppm, Gd : < 20 ppm, Tb : < 20 ppm, Dy : < 50 ppm, Er : < 200 ppm, Tm : < 10 ppm, Yb : < 10 ppm, Lu : < 10 ppm, Pb : < 1 ppm, Th : < 1 ppm, U : < 1 ppm HO ₂ O ₃ : 42%

Remarks	See material safety data sheet for additional information For laboratory use only
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The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager