

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	35917
Product	Thulium(III) chloride hexahydrate
Lot Number	003131-12117
	Trichlorothulium hexahydrate
CAS Number	19423-86-0, 1331-74-4
Molecular Formula	TmCl ₃ •6H ₂ O
Molecular Weight	383.38

Appearance Light yellow crystalline powder

Anion Si : 10 ppm

Purity 99.99% (Metal basis)

Storage Store at RT

Additional Information Content of Tm₂O₃ is 43.3%

Cation - Na+K : < 2 ppm, Mg : < 1 ppm, Al : < 2 ppm, Ca : 8 ppm, Sc : < 0.1 ppm, Ti : < 0.5 ppm, V : < 0.5 ppm, Cr : < 1 ppm, Mn : 0.5 ppm, Fe : < 5 ppm, Ni : < 1 ppm, Cu : < 1 ppm, Zn : < 0.8 ppm, Y : < 1 ppm, La : < 1 ppm, Ce : < 1 ppm, Pr : < 1 ppm, Nd : < 1 ppm, Sm : < 1 ppm, Eu : < 1 ppm, Gd : < 5 ppm, Tb : < 5 ppm, Dy : 20 ppm, Ho : 10 ppm, Er : < 5 ppm, Yb : < 1 ppm, Yb : < 1 ppm, Lu : < 1 ppm, Pb : < 0.2 ppm, Bi : < 0.5 ppm, Th : < 0.2 ppm, U : < 0.2 ppm

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