

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	35904
Product	Terbium(III) chloride hexahydrate
Lot Number	003131-12113
	Terbium trichloride hexahydrate
CAS Number	13798-24-8
Molecular Formula	TbCl ₃ •6H ₂ O
Molecular Weight	373.38

Appearance White crystalline powder

Anion Si : < 20 ppm

Purity 99.9% (Metal basis)

Storage Store at RT

Additional Information Content of Tb₄O₇ : 49.8%
Cation - Na+K : < 10 ppm, Mg : < 2 ppm, Al : < 1 ppm, Ca : < 10 ppm,
Cr : < 1 ppm, Mn : < 1 ppm, Fe : < 10 ppm, Co : < 1 ppm, Ni : < 5 ppm,
Cu : < 1 ppm, Zn : < 1 ppm, Y : < 100 ppm, La : < 50 ppm, Ce : < 50
ppm, Pr : < 50 ppm, Nd : < 50 ppm, Sm : < 10 ppm, Eu : < 10 ppm,
Gd : < 10 ppm, Dy : < 50 ppm, Ho : < 50 ppm, Er : < 50 ppm, Tm :
< 10 ppm, Yb : < 10 ppm, Lu : < 10 ppm, Pb : < 0.2 ppm, Pb : < 0.2
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