

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

Product Specifications



Catalogue Number 35904

Product

Terbium(III) chloride hexahydrate

Terbium trichloride hexahydrate

CAS Number 13798-24-8

Molecular Formula TbCl₃•6H₂O

Molecular Weight 373.38

Appearance White crystalline powder

Anion Si : ≤ 20 ppm

Purity ≥ 99% (Metal basis)

Storage Store at RT

Additional Information Content of Tb₄O₇ : ≤ 50%

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

For Laboratory Use Only