

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

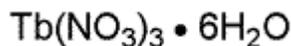
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	35907
Product	Terbium(III) nitrate hexahydrate Terbium trinitrate hexahydrate
CAS Number	13451-19-9
Molecular Formula	$\text{Tb}(\text{NO}_3)_3 \cdot 6\text{H}_2\text{O}$
Molecular Weight	453.03

Appearance	White crystalline powder
Anion	Si : ≤ 10 ppm
Purity	$\geq 99\%$ (REO)
Storage	Store at RT
Additional Information	Content of Tb_4O_7 : $\leq 42\%$ Cation - Na+K : ≤ 10 ppm, Mg : ≤ 1 ppm, Al : ≤ 1 ppm, Ca : ≤ 5 ppm, Ti : ≤ 2 ppm, Sc : ≤ 8 ppm, Cr : ≤ 1 ppm, Mn : ≤ 1 ppm, Fe : ≤ 8 ppm, Ni : ≤ 1 ppm, Cu : ≤ 1 ppm, Zn : ≤ 1 ppm, Y : ≤ 10 ppm, La : ≤ 10 ppm, Ce : ≤ 100 ppm, Pr : ≤ 10 ppm, Nd : ≤ 10 ppm, Sm : ≤ 50 ppm, Eu : ≤ 10 ppm, Gd : ≤ 50 ppm, Dy : ≤ 50 ppm, Ho : ≤ 50 ppm, Er : \leq 50 ppm, Tm : ≤ 50 ppm, Yb : ≤ 10 ppm, Lu : ≤ 10 ppm, Hg : ≤ 1 ppm, Pb : ≤ 0.2 ppm, Bi : ≤ 0.2 ppm, Th : ≤ 0.2 ppm, U : ≤ 0.2 ppm

For Laboratory Use Only