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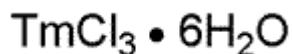
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	35917
Product	Thulium(III) chloride hexahydrate Trichlorothulium hexahydrate Thulium trichloride 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% (Metal basis)

Storage Store at RT

Additional Information Content of Tm₂O₃ is ≤ 44%

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

For Laboratory Use Only