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Product Specifications



Catalogue Number	35903
Product	Terbium(III) chloride hexahydrate 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 : ≤ 5 ppm

Purity ≥ 99% (Metal basis)

Storage Store at RT

Additional Information Content of Tb₄O₇ : ≤ 50%

Cation : Na+K : ≤ 3 ppm, Mg : ≤ 1 ppm, Al : ≤ 1 ppm, Ca : ≤ 2 ppm,
Cr : ≤ 1 ppm, Mn : ≤ 1 ppm, Fe : ≤ 5 ppm, Co : ≤ 1 ppm, Ni : ≤ 1
ppm, Cu : ≤ 1 ppm, Zn : ≤ 1 ppm, Y : ≤ 10 ppm, La : ≤ 1 ppm, Ce : ≤
1 ppm, Pr : ≤ 1 ppm, Nd : ≤ 1 ppm, Sm : ≤ 5 ppm, Eu : ≤ 1 ppm, Gd :
≤ 2 ppm, Dy : ≤ 8 ppm, Ho : ≤ 3 ppm, Er : ≤ 3 ppm, Tm : ≤ 1 ppm,
Yb : ≤ 1 ppm, Lu : ≤ 1 ppm, Pb : ≤ 0.2 ppm, Th : ≤ 0.2 ppm, U : ≤ 0.2
ppm

For Laboratory Use Only