

Certificate of analysis

Product No.: 44472

Product: Terbium(III) chloride hexahydrate, REacton[®], 99.999% (metals basis)

Lot No.: F08Y001

Appearance White crystals
 Purity 99.999 %
 Assay, Tb 42.2 %

Ag	< 0.5	Cu	< 1	Mg	0.2	Ru	< 0.05	Y	0.13
Al	0.4	Dy	0.14	Mn	< 0.05	Sb	< 0.05	Yb	< 1
As	< 0.2	Er	0.14	Mo	< 0.1	Sc	< 0.1	Zn	< 1
Au	< 1	Eu	< 0.05	Na	4	Sm	< 0.05	Zr	< 0.05
B	0.7	Fe	0.5	Nb	< 0.05	Sn	< 0.05		
Ba	< 0.05	Ga	< 0.05	Nd	< 0.05	Sr	< 0.5		
Be	< 0.05	Gd	0.7	Ni	< 1	Ta	< 0.05		
Bi	< 0.05	Ge	< 0.05	Pb	0.07	Tb	< 0.05		
Ca	1	Hf	< 0.05	Pd	< 0.2	Ti	< 0.05		
Cd	< 0.2	Ho	< 0.05	Pr	< 0.05	Tl	< 0.05		
Ce	< 0.05	In	< 0.05	Pt	< 0.1	Tm	< 0.05		
Co	< 1	K	< 1	Rb	< 0.1	U	< 0.05		
Cr	< 1	La	< 0.05	Re	< 0.05	V	< 0.05		
Cs	< 0.1	Li	< 0.1	Rh	< 0.05	W	< 0.05		

Values given in ppm unless otherwise noted

Analysis method: ICP-MS

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