

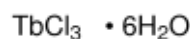
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
Terbium(III) chloride hexahydrate - 99.9% trace metals basis

Product Number: 212903
CAS Number: 13798-24-8
MDL: MFCD00149870
Formula: Cl₃Tb · 6H₂O
Formula Weight: 373.38 g/mol



TEST	Specification
Appearance (Color) Colorless or White (Crystals) or White (Powder and/or Chunks)	Conforms to Requirements
Appearance (Form) Crystals or Powder and/or Chunks	Conforms to Requirements
Complexometric EDTA % Terbium	41.5 - 43.6 %
ICP Major Analysis Confirms Terbium Component	Confirmed
Purity 99.9% Based On Rare Earth Analysis	Meets Requirements
Trace Rare Earth Analysis	≤ 1500.0 ppm

Specification: PRD.1.ZQ5.10000037251

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.