

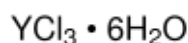
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Product Specification

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

Product Number: 211648
CAS Number: 10025-94-2
MDL: MFCD00149941
Formula: Cl₃Y · 6H₂O
Formula Weight: 303.36 g/mol

**TEST****Specification**

Appearance (Color)	Conforms to Requirements
White to Off-White, Tan, Pink or Yellow	
Appearance (Form)	Powder or Crystals or Powder with Chunk(s) or Crystals with Chunk(s)
Complexiometric EDTA % Y	27.8 - 30.8 %
ICP Major Analysis Confirms Yttrium Component	Confirmed
Purity 99.9% Based On Rare Earth Analysis	Meets Requirements
Trace Rare Earth Analysis	≤ 1500.0 ppm

Specification: PRD.1.ZQ5.10000050420

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.