

3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:
Erbium(III) nitrate pentahydrate - 99.9% trace metals basis

Product Number:	298166	Er(NO ₃) ₃ • 5H ₂ O
CAS Number:	10031-51-3	
MDL:	MFCD00149691	
Formula:	ErN ₃ O ₉ • 5H ₂ O	
Formula Weight:	443.35 g/mol	

TEST	Specification
------	---------------

Appearance (Color)	Pink
Appearance (Form)	Crystals or Crystals with Chunks
Complexiometric EDTA % Erbium	36.0 - 39.5 %
ICP Major Analysis Confirms Erbium Component	Confirmed
Purity 99.9% Purity Based On Rare Earth Analysis	Conforms
Trace Rare Earth Analysis	≤ 1500.0 ppm

Specification: PRD.3.ZQ5.10000022372

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.