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Product Specification

Product Name:
Neodymium(III) nitrate hexahydrate - 99.9% trace metals basis

Product Number:	289175	Nd(NO ₃) ₃ · 6H ₂ O
CAS Number:	16454-60-7	
MDL:	MFCD00149799	
Formula:	N3NdO9 · 6H2O	
Formula Weight:	438.35 g/mol	

TEST	Specification
Appearance (Color)	Conforms to Requirements
Purple	
Appearance (Form)	Crystals
Compleximetric EDTA	32.0 - 33.7 %
% Nd	
ICP Major Analysis	Confirmed
Confirms Nd Component	
Purity	Conforms
99.9% Based On Rare Earth Analysis	
Trace Rare Earth Analysis	≤ 1500.0 ppm

Specification: PRD.1.ZQ5.10000004447

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.