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## Product Specification

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

Product Number:	289183	NdCl <sub>3</sub> • 6H <sub>2</sub> O
CAS Number:	13477-89-9	
MDL:	MFCD00149801	
Formula:	Cl <sub>3</sub> Nd • 6H <sub>2</sub> O	
Formula Weight:	358.69 g/mol	

TEST	Specification
Appearance (Color)	Faint Purple to Purple
Appearance (Form)	Conforms to Requirements
Crystals, Crystalline Powder or Chunks	
Complexometric EDTA	39.2 - 41.2 %
% Neodymium	
ICP Major Analysis	Confirmed
Confirms Neodymium Component	
Purity	Meets Requirements
99.9% Based on Rare Earth Analysis	
Trace Rare Earth Analysis	≤ 1500.0 ppm

Specification: PRD.2.ZQ5.10000032956

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](http://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.