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## Product Specification

Product Name:

Neodymium(III) sulfate hydrate – 99.9% trace metals basis

Product Number:

325813



CAS Number:

101509-27-7

MDL:

MFCD00149802

Formula:

 $\text{Nd}_2\text{O}_{12}\text{S}_3 \cdot x\text{H}_2\text{O}$ 

Formula Weight:

576.67 g/mol

### TEST

### Specification

Appearance (Color)

Faint Purple to Purple

Appearance (Form)

Powder or Crystal or Chunk(s)

Complexometric EDTA

 $\leq 49.3 \%$ 

(% Nd)

ICP Major Analysis

Confirmed

Confirms Nd and S Components

Purity

Meets Requirements

99.9% Based On Rare Earth Analysis

Trace Rare Earth Analysis

 $\leq 1500.0 \text{ ppm}$ 

Specification: PRD.0.ZQ5.10000051935

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.