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Product Specification

Product Name:

Nickel(II) nitrate hexahydrate – purum p.a., crystallized, ≥97.0% (KT)

Product Number:

72253

Ni(NO₃)₂ • 6H₂O

CAS Number:

13478-00-7

MDL:

MFCD00149805

Formula:

N₂NiO₆ • 6H₂O

Formula Weight:

290.79 g/mol

TEST	Specification
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Appearance (Color)	Light Blue-Green to Dark Blue-Green
Appearance (Form)	Crystals
Complexometric EDTA	97.0 - 103.0 %
Assay	Conforms
Trace Metals by ICP Analysis	
Calcium (Ca)	≤ 50 ppm
Cadmium (Cd)	≤ 50 ppm
Cobalt (Co)	≤ 500 ppm
Copper (Cu)	≤ 50 ppm
Iron (Fe)	≤ 50 ppm
Potassium (K)	≤ 100 ppm
Sodium (Na)	≤ 100 ppm
Lead (Pb)	≤ 50 ppm
Zinc (Zn)	≤ 50 ppm
Total Sulfur	≤ 50 ppm
As SO ₄ (ICP)	
Chloride (Cl)	≤ 50 ppm

Specification: PRD.0.ZQ5.10000102307

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.