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## Product Specification

Product Name:  
Nickel(II) sulfate hexahydrate – ACS reagent, 99%

Product Number: 227676  
CAS Number: 10101-97-0  
MDL: MFCD00149813  
Formula: NiO4S · 6H2O  
Formula Weight: 262.85 g/mol



TEST	Specification
Appearance (Color)	Conforms to Requirements
Blue-Green to Green	
Appearance (Form)	Crystals
X-Ray Diffraction	Conforms to Structure
Complexometric EDTA	98.0 - 102.0 %
Insoluble matter	≤ 0.005 %
c = 13.3%; Water	
Cobalt (Co)	≤ 0.002 %
Calcium (Ca)	≤ 0.005 %
Chloride Content	≤ 0.001 %
Copper (Cu)	≤ 0.005 %
Iron (Fe)	≤ 0.001 %
Potassium (K)	≤ 0.010 %
Magnesium (Mg)	≤ 0.005 %
Manganese (Mn)	≤ 0.002 %
Sodium (Na)	≤ 0.050 %
Nitrogen Compounds	≤ 0.002 %
Meets ACS Requirements	Current ACS Specification

Specification: PRD.2.ZQ5.10000026419

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.