



Product Specification

Product Name: NICKEL SULFATE Hexahydrate LR

Alternate Name(s)

Description

Alpha-form: Blue to blue-green crystals. Beta-form (transition at 53.3°): Green transparent crystals, stable at 40 °C, blue and opaque at room temperature. Sweet astringent taste.

Properties

Chemical Formula: NiSO₄ · 6H₂O

Molecular Weight: 262.86

Product Code: NL016

CAS No. 10101-97-0

General Information:

Soluble in alcohol. Non combustible material.

Hazard and Safety Data

UN Group: III
Class: 9
UN Number: 3077
Hazchem code: 2X
CS MSDS Code: 1CH4O
Poison schedule: S6
Emergency
Procedure Guide No.: 47

Quality Specification

Assay: 98% min.

Specific Properties and Impurities [Typical levels]:

Cobalt	≤ 0.02%
Iron	≤ 0.02%
Zinc	≤ 0.02%
Calcium	≤ 0.01%
Magnesium	≤ 0.01%
Sodium	≤ 0.05%
Melting Point	Loses water at 103 °C.
Solubility in Water (@ 20 °C)	625 g/L
pH Value	~ 4.5
Specific Gravity	2.07

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