

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Nickel Sulphate Hexahydrate 98 % AR

Catalog Number : O-5126

Batch Number : 5126-00000000

CAS Number : 10101-97-0

Molecular Weight : 262.86 g/mol

Mol. Formula : NiSO₄. 6 H₂O

Expire Date : 60 Months

SAMPLE

No	Test	Specifications	Results
1	Appearance	Emerald - green crystalline powder	Emerald - green crystalline powder
2	Assay (complexometric)	98.0 - 102.0 %	99.28%
3	pH of aqueous solution	4.0 - 6.0	5.6
4	Insoluble matter in water	max 0.005 %	0.0011%
5	Chloride (Cl)	max 0.001 %	0.00012%
6	Nitrogen compound (N)	max 0.002 %	0.0004%
7	Calcium (Ca)	max 0.005 %	0.0013%
8	Cobalt (Co)	max 0.002 %	0.0007%
9	Copper (Cu)	max 0.005 %	0.003%
10	Iron (Fe)	max 0.001 %	0.0009%
11	Lead (Pb)	max 0.001 %	0.00082%
12	Sodium (Na)	max 0.05 %	0.007%
13	Magnesium (Mg)	max 0.005 %	0.0008%
14	Manganese (Mn)	max 0.002 %	0.0005%
15	Potassium (K)	max 0.01 %	0.006%

Corresponds to AR / ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification**SUDIYO S.Si.**
Manager QC