

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Zinc Nitrate Hexahydrate 98 % AR

Catalog Number : O-5231

Batch Number : 5231-00000000

CAS Number : 10196-18-6

Molecular Weight : 297.48 g/mol

Mol. Formula : $\text{Zn}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$

Expire Date : 60 months

SAMPLE

No	Test	Specifications	Results
1	Appearance	white powder or colorless crystals	colorless crystals
2	Assay (by EDTA titration)	min 98.0 %	99.825%
3	Insoluble matter in water	max 0.005 %	0.00011%
4	Chloride (Cl)	max 0.001 %	0.0005%
5	Sulphate (SO_4)	max 0.005 %	0.0006%
6	Cadmium (Cd)	max 0.0005 %	0.0002%
7	Calcium (Ca)	max 0.001 %	0.0004%
8	Copper (Cu)	max 0.0005 %	0.00003%
9	Iron (Fe)	max 0.0005 %	0.00013%
10	Lead (Pb)	max 0.001 %	0.000025%
11	Magnesium (Mg)	max 0.001 %	0.0008%
12	Nickel (Ni)	max 0.0005 %	0.0001%
13	Potassium (K)	max 0.001 %	0.0007%
14	Sodium (Na)	max 0.001 %	0.0005%
15	pH (5% solution) at 25°C	3.0 - 6.0	4.25

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specificationSUDIRO S.Si.
Manager QC