

TIQ-F-QC-001 Rev.00

Certificate Of Analysis



Product Name : Strontium Nitrate Anhydrous 99 % AR
Catalog Number : O-5214
Batch Number : 5214-00000000
CAS Number : 10042-76-9 Molecular Weight : 211.63 g/mol
Mol. Formula : $\text{Sr}(\text{NO}_3)_2$ Expire Date : 60 months

No	Test	Specifications	Results
1	Appearance	White crystalline powder	White crystalline powder
2	Assay (complexometric)	min 99.0 %	99.69%
3	Insoluble matter	max 0.01 %	0.001%
4	Loss on drying (at 105°C)	max 0.1 %	0.038%
5	pH (5% Solution in water; 25 °C)	5.0 - 7.0	6.34
6	Chloride (Cl)	max 0.002 %	0.0001%
7	Sulphate (SO_4)	max 0.005 %	0.0001%
8	Barium (Ba)	max 0.05 %	0.0076%
9	Calcium (Ca)	max 0.05 %	0.0048%
10	Magnesium (Mg)	max 0.1 %	0.023%
11	Sodium (Na)	max 0.1 %	0.018%
12	Heavy metal (as Pb)	max 0.0005 %	0.00012%
13	Iron (Fe)	max 0.0005 %	0.00019%

Corresponds to AR/ACS Grade

LABOTIQ In-house product specification, referenced to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC