

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Calcium Nitrate Tetrahydrate 99% AR
 Catalog Number : O-5059
 Batch Number : 5059-00000000
 CAS Number : 13477-34-4
 Mol. Formula : $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$
 Molecular Weight : 236.15 g/mol
 Expire Date : 60 Months



No	Test	Specifications	Results
1	Appearance	Colorless to white crystals	Colorless crystal
2	Assay (as $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$)	99.0 - 103.0 %	99.94%
3	pH (5% solution in water, 25°C)	5.0 - 7.0	6.7
4	Insoluble mater in water	max 0.005 %	0.0030%
5	Nitrite (NO_2)	max 0.001 %	0.0004%
6	Chloride (Cl)	max 0.005 %	0.0003%
7	Sulphate (SO_4)	max 0.005 %	0.0008%
8	Barium (Ba)	max 0.01 %	0.005%
9	Iron (Fe)	max 0.0005 %	0.00023%
10	Lead (Pb)	max 0.001 %	0.0007%
11	Magnesium (Mg)	max 0.05 %	0.013%
12	Potassium (K)	max 0.005 %	0.0016%
13	Sodium (Na)	max 0.02 %	0.003%
14	Strontium (Sr)	max 0.05 %	0.013%

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification



SUDIRO S.Si.
 Manager QC