

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Sodium Nitrate 99% AR

Catalog Number : O-5197

Batch Number : 5197-00000000

CAS Number : 7631-99-4

Molecular Weight : 84.99 g/mol

Mol. Formula : NaNO_3

Expire Date : 60 months

SAMPLE

No	Test	Specifications	Results
1	Appearance	Colorless deliquescent crystal or white crystalline powder	Colorless deliquescent crystals
2	Assay (aciditrimetry, titration after ion exchange)	min 99.0 %	99.52%
3	pH (5% Solution)	5.5 - 8.3	6.7
4	Insoluble matter	max 0.005 %	0.0032%
5	Chloride (Cl)	max 0.001 %	0.00012%
6	Iodate (IO_3)	max 0.0005 %	0.00031%
7	Nitrite (NO_2)	max 0.001 %	0.00035%
8	Phosphate (PO_4)	max 0.0005 %	0.00013%
9	Sulphate (SO_4)	max 0.003 %	0.0006%
10	Heavy metals (as Pb)	max 0.0005 %	0.000023%
11	Iron (Fe)	max 0.0003 %	0.00001%
13	Magnesium (Mg)	max 0.002 %	0.0004%
14	Calcium (Ca)	max 0.005 %	0.00034%

Corresponds to AR/ACS Grade.

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