

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Barium Nitrate 99 % AR

Catalog Number : O-5043

Batch Number : 5043-00000000

CAS Number : 10022-31-8

Molecular Weight : 261.35 g/mol

Mol. Formula : Ba(NO₃)₂

Expire Date : 60 months

SAMPLE

No	Test	Specifications	Results
1	Appearance	White powder or crystalline powder	White crystalline powder
2	Assay (complexometric)	min 99.0 %	99.64%
3	pH (5% Solution in water ; at 25 °C)	5.0 – 8.0	6.57
4	Insoluble matter	max 0.01 %	0.0035%
5	Chloride (Cl)	max 0.0005 %	0.00016%
6	Heavy metals (as Pb)	max 0.0005 %	0.00018%
7	Calcium (Ca)	max 0.05 %	0.025%
8	Iron (Fe)	max 0.0002 %	0.00008%
9	Potassium (K)	max 0.005 %	0.0016%
10	Sodium (Na)	max 0.005 %	0.0016%
11	Strontium (Sr)	max 0.1 %	0.025%

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC