

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Silver nitrate 99.9% AR

Catalog Number : O-5173

Batch Number : 5173-00000000

CAS Number : 7761-88-8

Molecular Weight : 169.87 g/mol

Mol. Formula : AgNO₃

Expire Date : 60 Months

SAMPLE

No	Test	Specifications	Results
1	Appearance	Colorless crystals	Colorless crystals
2	Assay (on anhydrous basis)	min 99.9 %	99.96%
3	Alcohol insoluble matter	Passes test	passes test
4	Clarity of solution	Passes ACS test	passes test
5	Chloride (Cl)	max 0.0005 %	0.000071%
6	Sulphate (SO ₄)	max 0.002 %	0.00036%
7	Alkalies and other metal	max 0.05 %	0.008%
8	Bismuth (Bi)	max 0.0005 %	0.00019%
9	Copper (Cu)	max 0.0002 %	0.00006%
10	Iron (Fe)	max 0.0002 %	0.00005%
11	Sodium (Na)	max 0.002 %	0.0006%
12	Lead (Pb)	max 0.001 %	0.0002%
13	Free acid	passes test	passes test
14	Substances not precipitated by HCl	max 0.01 %	0.003%

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC