

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Potassium Bromide 99.5 % AR

Catalog Number : O-5139

Batch Number : 5139-00000000

CAS Number : 7758-02-3

Molecular Weight : 119.01 g/mol

Mol. Formula : KBr

Expire Date : 60 Months

SAMPLE

No	Test	Specifications	Results
1	Appearance	white crystals or crystalline powder	White crystalline powder
2	Assay (argentometric)	min 99.5 %	99.775%
3	Insoluble matter	max 0.005%	0.0014%
4	pH (5% solution in water) at 25 °C	5.0 - 8.8	7.35
5	Bromate (BrO ₃)	max 0.001 %	0.0008%
6	Iodate (IO ₃)	max 0.001 %	0.00044%
7	Chloride (Cl)	max 0.1 %	0.08%
8	Iodide (I)	max 0.001 %	0.0005%
9	Sulphate (SO ₄)	max 0.005 %	0.0024%
10	Total Nitrogen (N)	max 0.001 %	0.0009%
11	Heavy metals (as Pb)	max 0.0005 %	0.00016%
12	Barium (Ba)	max 0.002 %	0.00063%
13	Calcium (Ca)	max 0.002 %	0.000023%
14	Iron (Fe)	max 0.0005 %	0.00018%
15	Magnesium (Mg)	max 0.001 %	0.0008%
16	Sodium (Na)	max 0.02 %	0.0043%
17	Loss on drying (105 °C)	max 0.5 %	0.31%

Corresponds to AR /ACS Grade

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