

Certificate of Analysis

Date of Testing: 2024-11-02 13:23:37

Date of Next Testing: 2027-11-02 13:23:37

Product Name: **Potassium bromide**

CAS Number: 7758-02-3

Specifications & Purity: Premium-Grade Reagents, Suitable for Analysis, ACS, Ph.Eur., max.
0,000001% Hg

Lot #: J2428389

SKU #: **P433935**

Version: **2**

Analysis #: **415712**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(Argentometric Titration)(Dry basis)	99.5-100.5 (%)	100.30000 %
PH(5% in water)	5-8	5.70
Bromate(BrO ₃)	0-0.001 (%)	0.00100 %
Chloride (Cl ⁻)	0-0.1 (%)	0.10 %
Iodate (IO ₃ ⁻)	0-0.001 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.01 %
Heavy metals(ACS)	0-5 (ppm)	5.00000 ppm
Barium(Ba)	0-0.002 (%)	0.00 %
Calcium(Ca)	0-0.001 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	5.00 ppm
Magnesium(Mg)	0-0.001 (%)	0.00 %
Magnesium and alkaline-earth metals(as Ca)	0-0.02 (%)	0.00100 %
Sodium(Na)	0-0.02 (%)	0.00 %
Drying loss	0-0.5 (%)	0.10000 %
Mercury(Hg)	0-0.01 (ppm)	0.00 ppm
Insoluble matter(c=13.3%,H ₂ O)	0-0.005 (%)	0.00500 %
Heavy metals(as Pb)	0-0.0005 (%)	0.00 %
Acidity or alkalinity	passes test	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager