

Certificate of Analysis

Date of Testing: 2025-03-05 09:22:38

Date of Next Testing: 2028-03-04 09:22:38

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 #: C2503197

SKU #: **P433935**

Version: **2**

Analysis #: **482417**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(Argentometric Titration)(Dry basis)	99.5-100.5 (%)	99.50630 %
PH(5% in water)	5-8	5.66
Insoluble matter(c=13.3%,H2O)	0-0.005 (%)	0.00010 %
Bromate(BrO3)	0-0.001 (%)	0.00090 %
Chloride (Cl-)	0-0.1 (%)	0.00 %
Iodate (IO3-)	0-0.001 (%)	0.00 %
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Heavy metals(ACS)	0-5 (ppm)	2.00000 ppm
Barium(Ba)	0-0.002 (%)	0.00 %
Calcium(Ca)	0-0.001 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	0.00 ppm
Magnesium(Mg)	0-0.001 (%)	0.00 %
Magnesium and alkaline-earth metals(as Ca)	0-0.02 (%)	0.00000 %
Sodium(Na)	0-0.02 (%)	0.00 %
Heavy metals(as Pb)	0-0.0005 (%)	0.00 %
Drying loss	0-0.5 (%)	0.21000 %
Mercury(Hg)	0-0.01 (ppm)	0.00 ppm
Acidity or alkalinity	passes test	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager