



Certificate of Analysis

Potassium Bromide ACS/USP

Catalog Number: PB1002
Lot Number: 1127704
CAS Number: 7758-02-3
Molecular Formula: KBr
Molecular Weight: 119.0
Storage: 15°C – 30°C
Date of Manufacture: October 5, 2016
Retest Date: October 4, 2021

Test	Specification	Result
Appearance	Colorless crystals	Conforms
Assay	99.0% - 100.5%	99.56%
Identification	To pass test	Conforms
Loss on Drying	≤ 1.0%	0.26%
pH (5%,H ₂ O)	5.0 – 8.8	6.42
Acidity or Alkalinity	≤ 0.5ml of 0.01NHCl or 0.01N NaOH	0.2ml of 0.01N NaOH used
Insoluble Matter	≤ 0.005%	0.003%
Bromate	≤ 0.001%	< 0.001%
Iodate	≤ 0.001%	< 0.001%
Chloride	≤ 0.2%	< 0.2%
Iodide	≤ 0.001%	< 0.001%
Sulfate	≤ 0.005%	< 0.005%
Barium	≤ 0.002%	< 0.002%
Heavy Metals	≤ 5ppm	< 5ppm
Iron	≤ 5ppm	< 5ppm
Calcium	≤ 0.002%	0.0004%
Magnesium	≤ 0.001%	0.0002%
Sodium	≤ 0.02%	0.004%

Residual Solvents: Only purified water used during production process of this material.

Approved by:

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