



## Specification

### Potassium Bromide ACS/USP

**Catalog Number:** PB1002  
**CAS Number:** 7758-02-3  
**Molecular Formula:** KBr  
**Molecular Weight:** 119.0  
**Storage:** 15°C – 30°C  
**Retest Period:** Five years from the date of manufacture

Test	Specification
Appearance	Colorless crystals
Assay	99.0% - 100.5%
Identification	To pass test
Loss on Drying	≤ 1.0%
pH (5%, H <sub>2</sub> O)	5.0 – 8.8
Acidity or Alkalinity	≤ 0.5ml of 0.01NHCl or 0.01N NaOH
Insoluble Matter	≤ 0.005%
Bromate	≤ 0.001%
Iodate	≤ 0.001%
Chloride	≤ 0.2%
Iodide	≤ 0.001%
Sulfate	≤ 0.005%
Barium	≤ 0.002%
Heavy Metals	≤ 5ppm
Iron	≤ 5ppm
Calcium	≤ 0.002%
Magnesium	≤ 0.001%
Sodium	≤ 0.02%
Residual Solvents: Only purified water used during production process of this material.	

Approved:

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