



PRODUCT SPECIFICATION SHEET

Potassium Bromide

ACS/USP Grade

| Test | Specification | Typical Results |
|-----------------------------|--------------------|-----------------|
| Assay | Min 99.0% | 99.34% |
| Description | Colorless Crystals | Pass |
| Identification | To Pass Test | Pass |
| PH of 5% soln at 25°C | 5.0 – 8.8 | 6.44 |
| Insoluble Matter | Max 0.005% | 0.003% |
| Bromate (BrO ₃) | Max 0.001% | <0.001% |
| Iodate (IO ₃) | Max 0.001% | <0.001% |
| Chloride (Cl) | Max 0.2% | < 0.2% |
| Iodide (I) | Max 0.001% | <0.001% |
| Sulfate (SO ₄) | Max 0.005% | <0.005% |
| Barium (Ba) | Max 0.002% | <0.002% |
| Heavy Metals (By ICP-OES) | Max 5 ppm | <5 ppm |
| Iron (Fe) | Max 5 ppm | <5 ppm |
| Calcium (Ca) | Max 0.002% | 0.0012% |
| Magnesium (Mg) | Max 0.001% | 0.0002% |
| Sodium (Na) | Max 0.02% | 0.006% |

Appropriate/legal use of this product is the responsibility of the user