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Certificate of Analysis

Catalogue Number 01245
Product **Potassium bromide**

Lot Number 000331-33998

CAS Number 7758-02-3

Molecular Formula KBr

Molecular Weight 119.1

Appearance White crystalline powder

Solubility 65 g in 100 mL water at 20 °C

Melting Point 730 °C (Approx.)

Heavy Metals < 3 ppm

Anion
Bromate (BrO₃⁻): < 0.001%
Iodate (IO₃⁻): < 0.001%
Chloride (Cl⁻): 0.0166%
Iodide (I⁻): < 0.001%
Sulfate (SO₄²⁻): < 0.005%

Cation
Barium (Ba): < 0.002%
Iron (Fe): < 2 ppm
Calcium (Ca): < 0.002%
Magnesium (Mg): < 0.001%
Sodium (Na): < 0.02%
Nitrogen Compounds: < 0.005%

pH 6.52 (5% solution at 25 °C)

Insoluble material < 0.005%

Assay by titration 99.9%

Grade ACS reagent

Application Used as analytical standard; redox reagent.

Storage Store at RT

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager