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Product Specifications

KBr

Catalogue Number	01245
Product	Potassium bromide
CAS Number	7758-02-3
Molecular Formula	KBr
Molecular Weight	119.1

Appearance	White crystalline powder or colorless crystals
Solubility	65 g in 100 mL water at 20 °C
Melting Point	730 °C (Approx.)
Density	2.75
Heavy Metals	≤ 5 ppm (as Pb)
Anion	Bromate (BrO ₃ ⁻) : ≤ 0.001% Iodate (IO ₃ ⁻) : ≤ 0.001% Chloride (Cl ⁻) : ≤ 0.2% Iodide (I ⁻) : ≤ 0.001% Sulfate (SO ₄ ²⁻) : ≤ 0.005%
Cation	Barium (Ba) : ≤ 0.002% Iron (Fe) : ≤ 5 ppm Calcium (Ca) : ≤ 0.002% Magnesium (Mg) : ≤ 0.001% Sodium (Na) : ≤ 0.02%
pH	5.0 - 8.8 (5% solution at 25 °C)
Insoluble material	≤ 0.005%
Assay by titration	≥ 99%
Grade	ACS reagent
Storage	Store at RT

Product Specifications

Catalog Number: 01245

For Laboratory Use Only