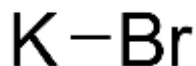


Product Information

POTASSIUM BROMIDE 99,5 % AR

Hydrobromic Acid Potassium Salt



Product Code	O-5139	Grade	Analytical Reagent
Purity	99,5 %	CAS No	7758-02-3
Molecular Formula	KBr	Molecular Weight	119.01 g/mol
H.S.Code	2827.5100	Shelf Life	60 Months

Physical Properties

Physical state	Crystalline	Melting point	734 °C
Colour	Colourless	Relative density	2.750 g/cm ³
pH value	5.0 - 6 at 119 g/l at 25 °C	Vapour pressure	1 mmHg at 795 °C
Boiling point	1,435 °C at 1013.20 hPa	Solubility in water	119 g/l at 20 °C
Partition coefficient: noctanol/water	log Pow: 1,645		

Packaging

500 gram

Specification

Appearance	white crystals or crystalline powder
Assay (argentometric)	min 99.5 %
Insoluble matter	max 0.005 %
pH (5% solution in water) at 25 °C	5.0 - 8.8
Bromate (BrO ₃)	max 0.001 %
Iodate (IO ₃)	max 0.001 %
Chloride (Cl)	max 0.1 %
Iodide (I)	max 0.001 %
Sulphate (SO ₄)	max 0.005 %
Total Nitrogen (N)	max 0.001 %
Heavy metals (as Pb)	max 0.0005 %
Barium (Ba)	max 0.002 %
Calcium (Ca)	max 0.002 %
Iron (Fe)	max 0.0005 %
Magnesium (Mg)	max 0.001 %

Sodium (Na)	max 0.02 %
Loss on drying (105 °C)	max 0.5 %

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: warning

UN No.: not available

IMCO Class No.: not available

Packing Group: not available

Hazardous Statement: H319

Precaution Statement: P264-P280-P305+P351+P338-P337+P313