



Product Specification

Product Name: POTASSIUM BROMIDE AR

Alternate Name(s)

Description

White crystalline granules or powder; pungent strong bitter saline taste.

Properties

Chemical Formula: KBr

Molecular Weight: 119.00

Product Code: PA006

CAS No. 7758-02-3

General Information:

Solubility in Water (@ 20 °C): 650 g/L. Soluble in glycerol. Slightly soluble in alcohol and ether. Non combustible material.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH55

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

Melting Point	730 °C
Specific Gravity (@ 25 °C)	2.75
Boiling Point	1380 °C
pH of a 5% solution (@ 25 °C)	5.0-8.8
Insoluble matter	≤ 0.005%
Bromate (BrO ₃)	≤ 0.001%
Iodate (IO ₃)	≤ 0.001%
Chloride (Cl)	≤ 0.2%
Iodide (I)	≤ 0.001%
Nitrogen compounds (as N)	≤ 0.005%
Sulfate (SO ₄)	≤ 0.005%
Barium (Ba)	≤ 0.002%
Heavy metals (as Pb)	≤ 0.0005%
Iron (Fe)	≤ 0.0005%
Calcium (Ca)	≤ 0.002%
Magnesium (Mg)	≤ 0.001%
Sodium (Na)	≤ 0.02%

CONFORMS TO ACS

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