

## Potassium bromide, Hi-AR™/ACS

**GRM743**


### Product Identifier

CAS No.	:	7758-02-3
EC No.	:	231-830-3
Molecular Formula	:	KBr
Molecular Weight	:	119.0
HS Code	:	2827 51 20
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	Colourless or white hygroscopic crystals or powder or chunks or solid
Solubility	:	100 mg soluble in 1 mL of water
pH (5% in water at 25°C)	:	5.00 - 8.80
Chloride (Cl)	:	<= 0.2%
Magnesium (Mg)	:	<= 0.001%
Calcium (Ca)	:	<= 0.002%
Heavy metals (as Pb)	:	<= 0.0005%
Iron (Fe)	:	<= 0.0005%
Iodate (IO <sub>3</sub> )	:	<= 0.001%
Barium (Ba)	:	<= 0.002%
Iodide (I)	:	<= 0.001%
Sodium (Na)	:	<= 0.02%
Bromate (BrO <sub>3</sub> )	:	<= 0.001%
Insoluble matter	:	<= 0.005%
Sulfate (SO <sub>4</sub> )	:	<= 0.005%
Loss on drying (at 105°C, 3 hr)	:	<= 1.0%
Assay (AT/NH <sub>4</sub> SCN T, on dry basis)	:	99.5 - 100.5%

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H319
Precautionary Statement(s)	:	P280- P305+P351+P338- P337 + P313
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	TS7650000
WGK	:	1

