

Product Specification

Product Name:

Potassium iodide anhydrous, free-flowing, ACS **PurReagent, ≥99.0%**

Product No.: PSR20862
Brand: PureSynth
CAS No.: 7681-11-0
Molecular Formula: KI
Molecular Weight: 166 g/mol



Test	Specification
Appearance	Colorless to White Crystals
Assay	≥ 99.0%
Appearance of solution	Complies
pH (5%; water)	6.0 - 9.2
Loss on drying	NMT 0.2 %
Insoluble Matter	NMT 0.005 %
Barium (Ba)	NMT 0.002 %
Calcium (Ca)	NMT 0.002 %
Heavy metals (as Pb)	NMT 0.0005 %
Iodate (IO ₃)	NMT 0.0003 %
Iron (Fe)	NMT 0.0003 %
Magnesium (Mg)	NMT 0.001 %
Phosphate (PO ₄)	NMT 0.001 %
Sodium (Na)	NMT 0.005 %
Sulphate (SO ₄)	NMT 0.005 %
Chloride and Bromide (as Cl)	NMT 0.01 %
Total Nitrogen (N)	NMT 0.001 %
Reducing substances	Conforms
Meets ACS Requirements	Conforms

Specification No.: PR-1.0-QA/084

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com