

Product Information

POTASSIUM IODIDE 99,5 % AR



Product Code	O-5153	Grade	Analytical Reagent
Purity	99,5 %	CAS No	7681-11-0
Molecular Formula	KI	Molecular Weight	166.0 g/mol
H.S.Code	2827.6010	Shelf Life	60 Months

Physical Properties

Physical state	Crystalline	Melting point	681 °C
Colour	White	Relative density	3,13 g/cm ³
pH value	6.0 - 9 at 166 g/l at 25 °C	Boliling point	1,330 °C
Solubility in water	1.430 g/l at 25 °C	Flash point	197,3 °C

Packaging

500 gram

Specification

Appearance	White crystalline powder
Assay (argentometric, on anhydrous basis)	min 99.5 %
pH (5% solution at 25 °C)	6.0 – 9.0
Loss on drying at 105 °C	max 0.2 %
Free alkali	max 0.02 %
Thiosulphate	max 0.005 %
Chloride and bromide (as Cl)	max 0.01 %
Iodate (IO ₃)	max 0.0005 %
Nitrogen compounds (as N)	max 0.001%
Phosphate (PO ₄)	max 0.001%
Sulphate (SO ₄)	max 0.001%
Barium (Ba)	max 0.002 %
Calcium (Ca)	max 0.001 %
Magnesium (Mg)	max 0.001 %
Iron (Fe)	max 0.0003 %
Heavy metals (as Pb)	max 0.0005 %
Sodium (Na)	max 0.03 %
Arsenic (As)	max 0.00001 %

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: warning

UN No.: not applicable

IMCO Class No.: not applicable

Packing Group: not applicable

Hazardous Statement: H302-H315-H319

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

Labotiq