Technical Datasheet

Article No. 1618

Potassium iodide p .a., Ph. Eur., ISO (min. 99.5 %)

KI

For laboratory use.

Parameter	Value
Appearance	Colourless solid
Density (20 °C)	3.13 g/cm³
Molar mass	166.01 g/mol
Melting point	686 °C
Boiling Point	1330 °C
CAS-No.	7681-11-0
Loss on drying	max. 0.2 %
Free alkali	max. 0.02 %
Arsenic (As)	max. 0.00001 %
Barium (Ba)	max. 0.002 %
Calcium (Ca)	max. 0.001 %
Iron (Fe)	max. 0.0003 %
Magnesium (Mg)	max. 0.001 %
Sodium (Na)	max. 0.03 %
Heavy metals (as Pb)	max. 0.0005 %
Chloride (Cl)	max. 0.01 %
Iodate (IO_3)	max. 0.0002 %
Phosphate (PO_4)	max. 0.001 %
Sulphate (SO_4)	max. 0.001 %
Thiosulphate (S_2O_3)	max. 0.005 %
Nitrogen (N)	max. 0.001 %
pH (5 % solution)	6.0 – 8.0
Reducing substances	complies

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