

# Technical Datasheet

**Article no.: 1618**

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

KI

For laboratory use.

Parameter	Value
CAS-Nr.	7681-11-0
Appearance/condition	Colourless solid
Melting point	686 °C
Boiling point	1330 °C
Molar mass	166.01 g/mol
Density (20 °C)	3.13 g/ml
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 <sub>3</sub> )	max. 0.0002 %
Phosphate (PO <sub>4</sub> )	max. 0.001 %
Sulphate (SO <sub>4</sub> )	max. 0.001 %
Thiosulphate (S <sub>2</sub> O <sub>3</sub> )	max. 0.005 %
Nitrogen (N)	max. 0.001 %
pH (5 % solution)	6.0 – 8.0

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Reducing substances	complies

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