

SPECIFICATION SHEET

Product Name	:	Potassium iodide, for analysis ISO, Reag. Ph Eur
Product Number	:	960.106
Brand	:	ISOLAB
CAS Number	:	7681-11-0
Formula	:	KI
Formula Weight	:	166.00 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (Calculated on dried substance)	≥ 99.5 %	%
Identity	passes test	
Appearance of solution	passes test	
Alkaline impurities	passes test	
pH (5%; H ₂ O)	6.0 - 9.0	
Insoluble matter in H ₂ O	≤ 0.002 %	%
Chloride and bromide (As Cl)	≤ 0.01 %	%
Iodate (IO ₃)	≤ 0.0003 %	%
Phosphate (PO ₄)	≤ 0.001 %	%
Sulphate (SO ₄)	≤ 0.001 %	%
Thiosulphate (S ₂ O ₃)	≤ 0.001 %	%
Total Nitrogen (N)	≤ 0.001 %	%
Heavy metals (as Pb)	≤ 0.0005 %	%
As (Arsenic)	≤ 0.00001 %	%
Ba (Barium)	≤ 0.002 %	%
Ca (Calcium)	≤ 0.001 %	%
Cu (Copper)	≤ 0.0002 %	%
Fe (Iron)	≤ 0.0002 %	%
Mg (Magnesium)	≤ 0.001 %	%
Na (Sodium)	≤ 0.03 %	%
Pb (Lead)	≤ 0.0002 %	%
Reducing substances	passes test	
Loss on drying	≤ 0.5%	%

Quality Management
Isolab Laborgerate GmbH

