

CERTIFICATE OF ANALYSIS

Product Name	Potassium iodide
CAS No.	7681-11-0
QUSNTITY	
BATCH NO	
REPORT DATE	

Chemical Composition	Standard (%)	Specimen (%)
Appearance	Colorless crystal or white crystalline powder	white powder
Content (KI), w/%	≥99%	99.5
pH (50 g/L solution, 25 °C)	6-8	6.6
Clarity test number	≤3	3
Water-insoluble matter, w/%	≤0.01	0.01
Iodate and iodine (in IO), w/%	≤0.002	<0.002
Chloride and bromide (in Cl), w/%	≤0.02	<0.02
Sulfate (SO ₄), w/%	≤0.005	<0.004
Phosphate (PO ₄), w/%	≤0.002	<0.002
Total nitrogen (N), w/%	≤0.002	<0.002
Sodium (Na), w/%	≤0.1	<0.09
Magnesium (Mg), w/%	≤0.002	<0.002
Calcium (Ca), w/%	≤0.002	<0.002
Iron (Fe), w/%	≤0.0003	<0.0003
Arsenic (As), w/%	≤0.00002	<0.00002
Barium (Ba), w/%	≤0.002	<0.001
Heavy metals (in Pb), w/%	≤0.0005	<0.0005
Reducing substances	PASS	PASS