

PRODUCT IDENTITY

PRODUCT NAME	Potassium iodide	PRODUCT NUMBER	P433792
Grades & Purity	anhydrous, ACS, ≥99%	VERSION	3
CAS NUMBER	7681-11-0	FORMULA	KI
FORMULA WEIGHT	166.00g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(P433792)	White Crystals
X-Ray Diffraction	Conforms to Structure
Purity(Titration by AgNO ₃)	98.5-102.5 (%)
Loss on drying	0-0.2 (%)
Insoluble matter	0-0.005 (%)
Barium(Ba)	0-0.002 (%)
Miscellaneous Assay(Chloride and Bromide)	0-0.01 (%)
Iron(Fe)	0-3 (ppm)
Heavy metal (as Pb)	0-5 (ppm)
Miscellaneous Assay(Iodate)	0-3 (ppm)

PARAMETER	SPECIFICATION / LIMIT
Calcium(Ca)	0-0.002 (%)
Magnesium(Mg)	0-0.001 (%)
Sodium(Na)	0-0.005 (%)
PH(5% in water,25°C)	6.0-9.2
(PO4)Phosphate	0-0.001 (%)
Sulfate(SO4)	0-0.005 (%)