

PRODUCT IDENTITY

PRODUCT NAME	Potassium iodide	PRODUCT NUMBER	P433786
Grades & Purity	UltraBio™, Ultra pure, ≥99%	VERSION	3
CAS NUMBER	7681-11-0	FORMULA	KI
FORMULA WEIGHT	166.00g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(P433786)	White Powder or crystalline powder
Solubility(1 M in H ₂ O),Clear Colorless	Pass
Chloride	0-0.01 (%)
Sulfate(SO ₄ ²⁻)	0-0.005 (%)
Insoluble matter	0-0.005 (%)
Aluminum(Al)	0-0.0005 (%)
Phosphorus (P)	0-0.0005 (%)
Lead (Pb)	0-0.001 (%)
Iron(Fe)	0-0.0005 (%)
Barium(Ba)	0-0.002 (%)

PARAMETER	SPECIFICATION / LIMIT
Copper(Cu)	0-0.0005 (%)
Zinc(Zn)	0-0.0005 (%)
Calcium(Ca)	0-0.001 (%)
Magnesium(Mg)	0-0.0005 (%)
Sodium(Na)	0-0.05 (%)
Ammonia (NH ₄)	0-0.05 (%)
Identity by ICP-Potassium	Pass
Assay (titration with KIO ₃)	≥99 (%)
X-Ray Diffraction	Conforms to Structure