

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Potassium iodide,AR, 99.0%

ITEM NUMBER: P116279
 BRAND: Aladdin
 CAS NUMBER: 7681-11-0
 MDL NUMBER: MFCD07370792
 FORMULA: KI
 MOLECULAR WEIGHT: 166.00

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
(Ca)Calcium	0 %	0.002 %	0.002 %
Appearance	Colorless or White Powder or Crystals		
Arsenic(As)	0 %	2e-005 %	2e-005 %
Assay	98.5 %	100 %	100 %
Barium(Ba)	0 %	0.002 %	0.002 %
Chloride and bromide(Cl)	0 %	0.02 %	0.02 %
Clarity of solution	Clarify		
Heavy metals(Pb)	0 %	0.0005 %	0.0005 %
Iron(Fe)	0 ppm	3 ppm	3 ppm
Insoluble matter in water	0 %	0.01 %	0.01 %
Iodate and Iodine(as IO ₃)	Pass		
Magnesium(Mg)	0 %	0.002 %	0.002 %
pH(50 g/L solution, 25 ° C)pH of water sol-ution	6	8	8
Phosphate(PO ₄)	0 %	0.002 %	0.002 %
Reducing substances	pass		
Sodium(Na)	0 %	0.1 %	0.1 %
Sulfate(SO ₄)	0 %	0.04 %	0.04 %
Total nitrogen(N)	0 %	0.002 %	0.002 %
X-Ray Diffraction	Conforms to Structure		