



TECHNICAL SPECIFICATION

POTASSIUM IODIDE – ACS GRADE

Formula : KI

Molecular Wt. : 166

C.A.S. No. : 7781-11-0

HS Code : 28276010

SPECIFICATIONS

No.	Characteristics	Specification
1.	Identification – Potassium	Positive
2.	Identification – Iodide	Positive
3.	Assay	99.0% Min
4.	Loss on Drying @ 150 °C	0.2%
5.	pH, 5% Solution @ 25 °C	6.0 – 9.2
6.	Insoluble Matter	0.005%
7.	Chloride & Bromide (as Cl)	0.01%
8.	Iodate (IO ₃)	3 ppm
9.	Nitrogen Compounds (as N)	0.001%
10.	Phosphate (PO ₄)	0.001%
11.	Sulfate (SO ₄)	0.005%
12.	Barium (Ba)	0.002%
13.	Heavy Metals (as Pb)	5 ppm
14.	Iron (Fe)	3 ppm
15.	Calcium Ca)	0.002%
16.	Magnesium (Mg)	0.001%
17.	Sodium	50 ppm
18.	OVI	Conforms

Packing:

25 Kg or 50 Kg HDPE/Fiber Drum

Shipping Information:

Non-Hazardous