

CERTIFICATE OF ANALYSIS

Product Name	Potassium iodide,99% AR grade		
Synonyms	Potassium iodide		
CAS No	7681-11-0		
Product code	SY00231	Batch No	LPOBF0208
Molecular Formula	KI	Molecular Weight	166.01
Mfg. Date	Feb-26	Expiry Date	Jan-29
Storage Conditions	Store at room temperature, tightly closed container		

Test	Specification	Results
Appearance	White Crystalline Powder	White Crystalline Powder
Solubility	Very soluble in water & soluble in alcohol	Complies
pH(5% w/w in water)	6.0-9.0	7.30
LOD (at 105 °C)	NMT- 1.0 %	0.29 %
Free Alkali	Max- 0.02%	Complies
Heavy metals (as Pb)	Max- 0.001%	Complies
Iron (as Fe)	Max- 0.001%	Complies
Iodine Content	75.0-77.0%	75.99%
Assay (on dried basis)	99.0 to 100.0%	99.40%

Approved by
Dr. Gopinath PH. D

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