



CERTIFICATE OF ANALYSIS

Name of Product:	POTASSIUM IODATE FCC	Q.C. No.:	GPI-23/0021
Batch No.:	PI-021/23	CAS No.:	7758-05-6
Date of Mfg:	Mar-2023	Batch Size:	1000 kg
Date of Expiry:	Feb-2026		

TESTS	LIMITS	RESULTS
Description	A white crystalline powder	A white crystalline powder.
Solubility	Soluble in water, insoluble in alcohol	Complies
pH of 5% solution	Between 5 and 8	5.84
Identification	A transient blue color appears	Complies
Chlorate	About 0.01 %	Complies
Iodide	About 0.002 %	Complies
Lead (by AAS)	Not more than 4 mg/kg	Complies
Loss on drying	Not more than 0.5 %	0.17%
Assay (on dried basis)	Not less than 99.0 % and Not more than 101.0 % of KIO ₃	99.9%

ADDITIONAL IN-HOUSE TESTS		
Particle Size	Mesh size - 20	100% Passing Through
Bulk Density after 50 Tapped	For Information	2.22 g/ml
Arsenic (as As)	Not more than 3 ppm	Complies
Heavy Metals(as Pb)	Not more than 10 ppm	Complies
Packing	25 kg material pack in Double polyline bag in HDPE Drums	
Storage Condition	Store in a dry place and protect from Heat, Moisture, Light, Dust and other contaminations.	

REMARK: The batch complies with respect to the above mentioned FCC XII and In-house tests.