



G. AMPHRAY LABORATORIES

MANUFACTURER OF BULK DRUGS AND FINE CHEMICALS

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CERTIFICATE OF ANALYSIS

Name of Product: POTASSIUM IODIDE BP
Batch No.: P-135/25 Q.C. No.: G-25/0506
Date of Mfg: May-2025 CAS No.: 7681-11-0
Date of Expiry: Apr-2030 Batch Size: 1500 kg

TESTS	LIMITS	RESULTS
Appearance	White or almost white powder or colourless crystals	A White Crystalline Powder
Solubility	Very soluble in water, freely soluble in glycerol, soluble in ethanol (96%)	Complies
Identification	Test (A) : Gives reactions of Iodides Test (B) : Gives reactions of Potassium	Complies Complies
Appearance of Solution	A 10% w/v solution in carbon dioxide free water is clear and colorless	Complies
Alkalinity	Not more than 0.5 ml of 0.01 M HCl	0.26 ml of 0.01 M HCL
Iodate	No Reddish-brown color develops	Complies
Sulfates	Maximum 150 ppm	Complies
Thiosulfates	No Reddish-brown color Produced	Complies
Iron	Maximum 20 ppm	Complies
Loss on drying	Maximum 1.0 %	0.43%
Assay (on dried basis)	Between 99.0 % to 100.5% of KI	99.7%
ADDITIONAL IN-HOUSE TESTS		
Particle Size	Mesh size - 16	100% Passing Through
Bulk Density after 50 Tapped	For Information	1.6 g/ml
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 BP 2024 and In-house tests.

For G. AMPHRAY LABORATORIES

AUTHORISED SIGNATORY

