



G. AMPHRAY LABORATORIES

MANUFACTURER OF BULK DRUGS AND FINE CHEMICALS

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CERTIFICATE OF ANALYSIS

Name of Product: **POTASSIUM IODIDE USP**
Batch No.: **P-033/25** Q.C. No.: **G-25/0076**
Date of Mfg: **Jan-2025** CAS No.: **7681-11-0**
Date of Expiry: **Dec-2029** Batch Size: **1000 kg**

TESTS	LIMITS	RESULTS
Description	Hexahedral crystals, either transparent and colorless or somewhat opaque and white, or a white, granular powder. Is slightly hygroscopic	A White granular Powder
Solubility	Very soluble in water & even more soluble in boiling water, Freely soluble in glycerin & in alcohol.	Complies
Identification	Test (A) : Meets the requirements of the tests for Potassium Test (B) : Meets the requirements of the tests for Iodide	Complies Complies
Iodate	Not more than 4 µg / g	Complies
Limit of Nitrate, Nitrite and Ammonia	No blue coloration of the paper is discernible	Complies
Thiosulfates and Barium	No turbidity develops within one minute	Complies
Alkalinity	No colour is produced	Complies
Loss on drying	Not more than 1.0 %	0.33%
Assay (on dried basis)	Between 99.0 % to 101.5% of KI	99.8%

ADDITIONAL IN-HOUSE TESTS		
Particle Size	Mesh size - 16	100% Passing Through
Bulk Density after 50 Tapped	For Information	1.61 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 USP 46 and In-house tests.



For G. AMPHRAY LABORATORIES

AUTHORISED SIGNATORY

