



G. AMPHRAY LABORATORIES

MANUFACTURER OF BULK DRUGS AND FINE CHEMICALS

Office: Sambava Chambers, 4th Floor | Sir P.M. Road | Fort | Mumbai - 400 001 | INDIA

Factory 10/1 MIDC Industrial Area | Ambarnath 421 505 - Maharashtra | INDIA

SOP/QC/GE/012/A7 Ver.No.02

CERTIFICATE OF ANALYSIS

Name of Product: **POTASSIUM IODIDE**

Grade: **BP 2016 / EP 8.0**

CAS No: **7681-11-0**

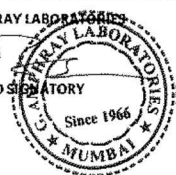
Batch No.	Batch Size KGS	Date of Mfg.	Date of Exp.	Q.C. No.	TESTS											Additional Test				
					Appearance	Solubility	Identification		Appearance of Solution	Alkalinity	Iodate	Sulfates	Thiosulfates	Iron	Loss on drying	Assay (on dried basis)	Particle Size		Bulk Density after 50 Tapped	
					White or almost white powder or colourless crystals	Very soluble in water, freely soluble in glycerol, soluble in ethanol (96%)	Test (A): Gives reactions of Iodides	Test (B): Gives reactions of Potassium	A 10% w/v solution in carbon dioxide free water is clear and colorless	Not more than 0.5 ml of 0.01 N HCL	No blue colour develops	Maximum 150 ppm	A blue colour is produced	Maximum 20 ppm	Maximum 1.0%	Between 99.0% to 100.5% of KI	Mesh Size	Passing Through	For Information	
					RESULT															
P-327/20	1000 Kg	Dec-2020	Nov-2025	G-20/1341	A White Crystalline Powder	Complies	Complies	Complies	Complies	0.26ml of 0.01 M HCL	Complies	Complies	Complies	Complies	0.38%	99.7%	16	100%	1.56 g/ml	25 kg material pack in Double polyfine bag in HDPE Drums
P-329/20	1000 Kg	Dec-2020	Nov-2025	G-20/1346	A White Crystalline Powder	Complies	Complies	Complies	Complies	0.24ml of 0.01 M HCL	Complies	Complies	Complies	Complies	0.47%	99.7%	16	100%	1.55 g/ml	25 kg material pack in Double polyfine bag in HDPE Drums
P-330/20	1000 Kg	Dec-2020	Nov-2025	G-20/1352	A White Crystalline Powder	Complies	Complies	Complies	Complies	0.22ml of 0.01 M HCL	Complies	Complies	Complies	Complies	0.50%	99.7%	16	100%	1.54 g/ml	25 kg material pack in Double polyfine bag in HDPE Drums
P-339/20	1000 Kg	Dec-2020	Nov-2025	G-20/1353	A White Crystalline Powder	Complies	Complies	Complies	Complies	0.20ml of 0.01 M HCL	Complies	Complies	Complies	Complies	0.60%	99.7%	16	100%	1.56 g/ml	25 kg material pack in Double polyfine 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 Tests.

For G. AMPHRAY LABORATORIES

AUTHORISED SIGNATORY





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CERTIFICATE OF ANALYSIS

Name of Product: **POTASSIUM IODIDE**

Grade: **USP 42**

CAS No.: **7681-11-0**

Batch No.	Batch Size KGS	Date of Mfg.	Date of Exp.	Q.C. No.	TESTS										Additional Test			Packing	
					Description	Solubility	Identification		Iodate	Limit of Nitrate, Nitrite & Ammonia	Thiosulfates & Barium	Alkalinity	Loss on drying	Assay (on dried basis)	Particle Size	Bulk Density after 50 Tapped			
					Hexahedral crystals, either transparent and colorless or somewhat opaque and white, or a white, granular powder, is slightly hygroscopic	Very soluble in water, freely soluble in glycerol, soluble in alcohol	Test (A): Meets the requirements of the tests for Potassium	Test (B): Meets the requirements of the tests for Iodide	Not more than 4 µg / g	No blue coloration of the paper is discernible	No turbidity develops within one minute	No colour is produced	Not more than 1.0%	Between 99.0% to 101.5% of KI	Mesh Size	Passing Through	For Information		
RESULT																			
P-327/20	1000 Kg	Dec-2020	Nov-2025	G-20/1341	A White granular Powder	Complies	Complies	Complies	Complies	Complies	Complies	Complies	Complies	0.41%	99.7%	16	100%	1.56 g/ml	25 kg material pack in Double polyline bag in HDPE Drums
P-329/20	1000 Kg	Dec-2020	Nov-2025	G-20/1346	A White granular Powder	Complies	Complies	Complies	Complies	Complies	Complies	Complies	Complies	0.49%	99.7%	16	100%	1.55 g/ml	25 kg material pack in Double polyline bag in HDPE Drums
P-330/20	1000 Kg	Dec-2020	Nov-2025	G-20/1352	A White granular Powder	Complies	Complies	Complies	Complies	Complies	Complies	Complies	Complies	0.52%	99.7%	16	100%	1.54 g/ml	25 kg material pack in Double polyline bag in HDPE Drums
P-339/20	1000 Kg	Dec-2020	Nov-2025	G-20/1353	A White granular Powder	Complies	Complies	Complies	Complies	Complies	Complies	Complies	Complies	0.62%	99.7%	16	100%	1.56 g/ml	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 Tests.

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