



# G. AMPHRAY LABORATORIES

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## CERTIFICATE OF ANALYSIS

Name of Product :	<b>POTASSIUM IODIDE USP</b>	
Batch No. :	P-544/15	Q.C. No. : G-15/1403
Date Of Manufacture :	Nov-2015	CAS No. : 7681-11-0
Date Of Expiry :	Oct-2020	Batch size : 1400 Kgs.

TESTS	LIMITS	RESULTS
Description	A white crystalline powder.	A White Crystalline Powder
Solubility	Very soluble in water, freely soluble in glycerol, soluble in alcohol.	Complies
Identification	A) Meets the requirements of the tests for Potassium B) Meets the requirements of the tests for Iodide.	Complies Complies
Heavy Metals	Not more than 10 ppm.	Complies
Iodate	Not more than 4 µg / g.	Complies
Limit of Nitrate, Nitrite & Ammonia	No blue coloration of the paper is discernible.	Complies
Thiosulfates & Barium	No turbidity develops within one minute.	Complies
Alkalinity	No colour is produced.	Complies
Loss on drying	Not more than 1.0 %.	0.41%
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	1.56 g/ml
Storage Condition	Store in a cool place and protect from Heat, Moisture, Light, Dust and other contaminations.	

**REPORT :** The batch **complies** with respect to the above mentioned USP 36 & In-house tests

Certified True Copy  
For G. AMPHRAY LABORATORIES

AUTHORISED SIGNATORY

