

FINISHED PRODUCT: CERTIFICATE OF ANALYSIS

DEPARTMENT : QUALITY CONTROL

Ref. SOP No QCS/017

Format No. : QC/017/F/02

Name of Product	Potassium Iodide EP	Date of Manufacture	Aug - 2021
Batch Number	01176H21	Date of Expiry	July - 2026
A.R. Number	QC/FP/1004/21	Batch Size	1000 kg
Date of Analysis	02/09/2021	Date of Sampling	01/09/2021
Date of Release	03/09/2021	Sample Quantity	60 gm
Mfg. Lic. No.	G/25/2008		

Sr. No.	Test	Observation	Specification
01.	Description	A white odourless powder.	White or almost white powder or colourless crystals..
02.	Solubility	Complies	Very soluble in water, freely soluble in glycerol, soluble in Ethanol (96%)
03.	Identification	A). Iodide: Complies B). Potassium: Complies	Iodide: To comply the test Potassium: To comply the test
04.	Appearance of solution	Complies	Solution S should be clear and colourless.
05.	Alkalinity	0.2 ml of 0.01N HCl require	NMT 0.5 ml of 0.01 M HCl is required to change the colour.
06.	Iodates	Complies	No blue colour is produced within 2 minutes
07.	Sulfates	Complies	NMT 150 ppm
08.	Thiosulphates	Complies	A blue colour is produced
09.	Iron	Less than 20 ppm	NMT 20 ppm
10.	Heavy Metals	Less than 10 ppm	NMT 10 ppm
11.	Loss on Drying @ 105°C for 3 hrs.	0.20 %	NMT 0.50 %
12.	Assay on dried basis	99.24 %	99.0 % to 100.5 %

Remarks: The product complies with EP 10.0 specification.

Prepared By

Checked By

Approved By

Signature
Date

CPJ
05/10/2021

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05/10/2021

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05/10/2021

(Chitranshan - Sr. Executive QC) (Dharmesh - Sr. Manager QC) (Raman Kaushik - GM Quality)



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Betr.: 100 kgs. netto KALIUM IODIDE EP 10.0, VAN ONZE PRINCIPAAL ESKAY IODINE PVT. LTD., INDIA., zoals geleverd met onze factuur No. 21182-1.109 d.d. 03.12.2021.



[Signature]
"UTAG" B.V.