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Certificate of Analysis

Product	11041 - Potassium Iodate extrapure AR, 99.9% - [7758-05-6]
Batch No	9055495
Analysis Date	16-Nov-2023
Date of Manufacture	November 2023
Expiry Date/Re-Test Date	November 2028
Molecular Formula	KIO3
Molecular Weight	214.00

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% hot aq. solution	Clear	Clear
Solubility (Colour) 10% hot aq. solution	Colourless	Colourless
Assay (Iodometric)	min. 99.9%	99.9%
pH (5% aq. solution)	5.0 - 8.0	5.9
Loss on drying	max. 0.05%	0.03%
Sulphate (SO4)	max. 0.01%	Passes
Bromate, Bromide, Chlorate Chloride (Cl)	max. 0.02%	Passes
Iodide (I)	max. 0.001%	Passes
Nitrogen Compounds (N)	max. 0.002%	Passes
Sodium (Na)	max. 0.01%	Passes
Copper (Cu)	max. 0.001%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes

FRM/82/11/4/11041 Rev No. 1 Date 01/11/2015

Prepared by **Mayur**

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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