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Certificate of Analysis

Product	97028 - Potassium Iodide ExiPlus, Multi-Compendial, 99.8% - [7681-11-0]
Batch No	3134240
Analysis Date	05-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	March 2029
Molecular Formula	KI
Molecular Weight	166.00

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (T)	min. 99.8%	99.9%
Insoluble matter	max. 0.005%	0.002%
pH (5% aq. solution)	6.0 - 8.0	6.1
Loss on drying	max. 0.2%	0.1%
Sulphate (SO ₄)	max. 0.001%	Passes
Iron (Fe)	max. 0.0002%	Passes
Heavy Metals (Pb)	max. 0.0002%	Passes
Chloride and Bromide (as Cl)	max. 0.01%	Passes
Phosphate (PO ₄)	max. 0.001%	Passes
Iodate (IO ₃)	max 0.0002%	Passes
Iodine reducing substances (I)	max. 0.001%	Passes
Sodium (Na)	max. 0.005%	Passes
Magnesium (Mg)	max. 0.001%	Passes
Calcium (Ca)	max. 0.002%	Passes
Barium (Ba)	max. 0.002%	Passes

FRM/82/11/4/97028 Rev No. 2 Date 08/06/2022

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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