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Certificate of Analysis

Product	86742 - Potassium Periodate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.8% - [7790-21-8]
Batch No	8821861
Analysis Date	12-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	March 2029
Molecular Formula	KIO ₄
Molecular Weight	230.00

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP, Ph.Eur	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 2% aq. hot solution	Clear	Clear
Solubility (Colour) 2% aq. hot solution	Colourless	Colourless
Assay (Iodometric)	min. 99.8%	99.9%
pH (0.5% aq. solution)	4.9 - 5.3	5.2
Loss on drying	max. 0.1%	0.1%
Sulphate (SO ₄)	max. 0.01%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Bromate, Bromide, Chlorate Chloride (Cl)	max. 0.01%	Passes
Iodide (I)	max. 0.001%	Passes
Manganese (Mn)	max. 0.0001%	Passes

FRM/82/11/4/86742 Rev No. 2 Date 11/07/2022

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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