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PVT. LTD.**

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Certificate of Analysis

Product

**31964 - Potassium Phosphate Dibasic Anhydrous
extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.5% -
[7758-11-4]**

Batch No

7508687

Analysis Date

07-May-2024

Date of Manufacture

May 2024

Expiry Date/Re-Test Date

May 2029

Molecular Formula

K₂HPO₄

Molecular Weight

174.18

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline hygroscopic powder	Crystalline hygroscopic powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (by Neutralization)	min. 99.5%	99.7%
pH (5% aq. solution)	8.5 - 9.6	9.15
Insoluble matter	max. 0.01%	Nil
Loss on drying	max. 1%	0.3%
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO ₄)	max. 0.005%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Copper (Cu)	max. 0.0005%	Passes
Sodium (Na)	max. 0.05%	Passes
Nitrogen compounds	max. 0.001%	Passes

FRM/82/11/4/31964 Rev No. 4 Date 26/07/2022

Prepared by Komal

In compliance with the standard specifications of SRL

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

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