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Certificate of Analysis

Product	29467 - Potassium Hydrogen Phthalate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.9% - [877-24-7]
Batch No	3801530
Analysis Date	08-Jul-2024
Date of Manufacture	July 2024
Expiry Date/Re-Test Date	July 2029
Molecular Formula	C8H5KO4
Molecular Weight	204.23

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP, Ph.Eur	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 (by Neutralization)	min. 99.9%	99.9%
pH (5% aq. solution)	4.0 - 4.02	4.01
Insoluble matter	max. 0.005%	0.002%
Loss on drying	max. 0.05%	0.02%
Chloride (Cl)	max. 0.002%	Passes
Sulphate (SO4)	max. 0.005%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Sulphur Compound (S)	max. 0.002%	Passes
Phthalic acid	max. 0.005%	Passes
Sodium (Na)	max. 0.005%	Passes

FRM/82/11/4/29467 Rev No. 2 Date 06/07/2022

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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

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