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Certificate of Analysis

Product	80633 - Potassium Hydrogen Phthalate extrapure AR, 99.9% - [877-24-7]
Batch No	4878843
Analysis Date	17-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	C8H5KO4
Molecular Weight	204.23

Test Parameters	Standards	Actual Results
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
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
Phthalic acid	max. 0.005%	Passes
Sodium (Na)	max. 0.025%	Passes

FRM/82/11/4/80633 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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