



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

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Certificate of Analysis

Product

**50451 - Potassium Dihydrogen Orthophosphate
extrapure AR, 99.5% - [7778-77-0]**

Batch No

5650416

Analysis Date

15-May-2024

Date of Manufacture

May 2024

Expiry Date/Re-Test Date

May 2029

Molecular Formula

KH₂PO₄

Molecular Weight

136.09

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. 99.5%	99.5%
pH (5% aq. solution)	4.1 - 4.5	4.46
Loss on drying	max. 0.05%	0.02%
Chloride (Cl)	max. 0.0005%	Passes
Sulphate (SO ₄)	max. 0.005%	Passes
Iron (Fe)	max. 0.002%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Nitrogen Compounds (N)	max. 0.002%	Passes
Copper (Cu)	max. 0.0005%	Passes
Sodium (Na)	max. 0.01%	Passes

FRM/82/11/4/50451 Rev No. 3 Date 05/07/2022

Prepared by Priti

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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