



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

Product	32360 - Potassium Dihydrogen Orthophosphate for tissue culture, 99.5% - [7778-77-0]
Batch No	2106936
Analysis Date	24-Dec-2023
Date of Manufacture	December 2023
Expiry Date/Re-Test Date	December 2028
Molecular Formula	KH ₂ PO ₄
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%	99.7%
pH (5% aq. solution)	4.1 - 4.5	4.4
Loss on drying	max. 0.05%	0.03%
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
Suitability for Tissue Culture	Passes	Passes

FRM/82/11/4/32360 Rev No. 3 Date 05/07/2022

Prepared by Dnyaneshwar

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

1/1

[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](#)

This COA has been generated electronically and it is valid without signature.