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PVT. LTD.**

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Certificate of Analysis

Product	81955 - Potassium Acetate for tissue culture, 99.5% - [127-08-2]
Batch No	8475159
Analysis Date	25-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2029
Molecular Formula	CH ₃ COOK
Molecular Weight	98.15

Test Parameters	Standards	Actual Results
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
pH (5% aq. solution)	6.5 - 9.0	7.87
Assay (NT)	min. 99.5%	99.7%
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO ₄)	max. 0.002%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Copper (Cu)	max. 0.0005%	Passes
Absorbance (A) of 1M aq. solution in a 1cm cell v/s H ₂ O		
@260nm	max. 0.02	0.013
@280nm	max. 0.02	0.008
Suitability for Tissue Culture	Passes test	Passes

FRM/82/11/4/81955 Rev No. 3 Date 03/07/2022

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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