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Certificate of Analysis

Product	96248 - Potassium Acetate for molecular biology, 99.5% - [127-08-2]
Batch No	6368690
Analysis Date	19-Feb-2024
Date of Manufacture	February 2024
Expiry Date/Re-Test Date	February 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	8.09
Assay (NT)	min. 99.5%	99.9%
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	0.014
@280nm	max. 0.02	0.010
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/96248 Rev No. 3 Date 03/07/2022

Prepared by Komal

In compliance with the standard specifications of SRL

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

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