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Certificate of Analysis

Product	22342 - Sodium Acetate Anhydrous for molecular biology, 99% - [127-09-3]
Batch No	9049459
Analysis Date	09-Sep-2023
Date of Manufacture	September 2023
Expiry Date/Re-Test Date	September 2028
Molecular Formula	C ₂ H ₃ NaO ₂
Molecular Weight	82.03

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 (NT)	min. 99%	99.6%
pH (5% aq. solution)	7.5 - 9.0	8.6
Loss on drying	max. 1%	0.6%
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO ₄)	max. 0.003%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Phosphate (PO ₄)	max.0.0005%	Passes
Absorbance (A) of 0.1M aq. solution in a 1cm cell v/s H ₂ O		
@260nm	max. 0.01	0.007
@280nm	max. 0.01	0.007
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/22342 Rev No. 1 Date 01/11/2015

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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