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Certificate of Analysis

Product	37829 - Ammonium Acetate for molecular biology, 98% - [631-61-8]
Batch No	7449095
Analysis Date	10-May-2022
Date of Manufacture	May 2022
Expiry Date/Re-Test Date	May 2027
Molecular Formula	C2H7NO2
Molecular Weight	77.08

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Hygroscopic crystalline compound	Hygroscopic crystalline compound
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay	min. 98%	99.7%
pH (5% aq. solution)	6.5 - 7.5	7.0
Sulphated Ash	max. 0.01%	0.005%
Chloride (Cl)	max. 0.0005%	Passes
Sulphate (SO4)	max. 0.001%	Passes
Iron (Fe)	max. 0.0002%	Passes
Heavy Metals (Pb)	max. 0.0002%	Passes
Water (KF)	max. 2%	1.4%
Absorbance (A) of 1M aq. solution in a 1cm cell v/s H2O		
@260nm	max. 0.01	0.002
@280nm	max. 0.007	0.001
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/37829 Rev No. 1 Date 01/11/2015

Prepared by Amruta

In compliance with the standard specifications of SRL

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

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