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Certificate of Analysis

Product	78844 - Ammonium Acetate for HPLC, 99% - [631-61-8]
Batch No	5539885
Analysis Date	15-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2029
Molecular Formula	C ₂ H ₇ NO ₂
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 (HCl titration)	min. 99%	99.7%
pH (5% aq. solution)	6.5 - 7.5	7.1
Sulphated Ash	max. 0.01%	0.007%
Chloride (Cl)	max. 0.0005%	Passes
Sulphate (SO ₄)	max. 0.001%	Passes
Iron (Fe)	max. 0.0001%	Passes
Copper (Cu)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0002%	Passes
Substances reducing Permanganate (O)	max. 0.005%	Passes
Absorbance (A) of 1M aq. solution in a 1cm cell v/s H ₂ O		
@260nm	max. 0.01	0.007
@280nm	max. 0.007	0.006
Water	max. 2%	1.3%

FRM/82/11/4/78844 Rev No. 2 Date 05/07/2022

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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1/1

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