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## Certificate of Analysis

**Product** **24678 - Ammonium Phosphate Monobasic for HPLC, 99% - [7722-76-1]**  
**Batch No** **9864294**  
**Analysis Date** 29-Jan-2023  
**Date of Manufacture** January 2023  
**Expiry Date/Re-Test Date** January 2028  
**Molecular Formula** NH<sub>4</sub>H<sub>2</sub>PO<sub>4</sub>  
**Molecular Weight** 115.03

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	min. 99%	99.5%
pH (5% aq. solution)	4.0 - 4.4	4.3
Chloride (Cl)	max. 0.0005%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.005%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Copper (Cu)	max. 0.0005%	Passes
Potassium (K)	max. 0.005%	Passes
Sodium (Na)	max. 0.005%	Passes
Absorbance (A) of 1M aq. solution in a 1cm cell v/s H <sub>2</sub> O		
@260nm	max. 0.05	0.021
@280nm	max. 0.05	0.019

FRM/82/11/4/24678 Rev No. 1 Date 08/28/2021

Prepared by **Mayur**

In compliance with the standard specifications of SRL

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

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