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Certificate of Analysis

Product	58611 - Ammonium Phosphate Monobasic extrapure AR, ACS, ExiPlus, Multi-Compendial , 99% - [7722-76-1]
Batch No	2297042
Analysis Date	18-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	March 2029
Molecular Formula	NH ₆ PO ₄
Molecular Weight	115.03

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP	Passes
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 (NaOH titration)	min. 99%	99.2%
pH (5% aq. solution)	4.0 - 4.4	4.2
Insoluble matter	max. 0.005%	0.002%
Chloride (Cl)	max. 0.0005%	Passes
Sulphate (SO ₄)	max. 0.005%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Calcium (Ca)	max. 0.001%	Passes
Magnesium (Mg)	max. 0.0005%	Passes
Nitrate (NO ₃)	max. 0.001%	Passes
Copper (Cu)	max. 0.0005%	Passes
Potassium (K)	max. 0.005%	Passes
Sodium (Na)	max. 0.005%	Passes

FRM/82/11/4/58611 Rev No. 1 Date 01/08/2018

Prepared by **ThakurRohit**

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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