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Certificate of Analysis

Product	65984 - Ammonium Phosphate Dibasic extrapure AR, ACS, ExiPlus, Multi-Compendial, 98% - [7783-28-0]
Batch No	7418148
Analysis Date	05-May-2024
Date of Manufacture	May 2024
Expiry Date/Re-Test Date	May 2029
Molecular Formula	N ₂ H ₉ PO ₄
Molecular Weight	132.06

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, Ph.Eur	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 (HCl titration)	min. 98%	99.2%
pH (5% aq. solution)	7.7 - 8.1	8.1
Insoluble matter	max. 0.003%	0.002%
Chloride (Cl)	max. 0.0005%	Passes
Sulphate (SO ₄)	max. 0.001%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Copper (Cu)	max. 0.0005%	Passes
Sodium (Na)	max. 0.001%	Passes
Potassium (K)	max. 0.001%	Passes
Magnesium (Mg)	max. 0.0005%	Passes
Calcium (Ca)	max. 0.001%	Passes
Nitrate (NO ₃)	max. 0.003%	Passes

FRM/82/11/4/65984 Rev No. 3 Date 16/01/2024

Prepared by Yogesh

In compliance with the standard specifications of SRL

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

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