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Certificate of Analysis

Product	83147 - Aluminium Ammonium Sulphate Dodecahydrate extrapure AR, 99.5% - [7784-26-1]
Batch No	1819456
Analysis Date	15-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2029
Molecular Formula	AlNH ₄ (SO ₄) ₂ .12H ₂ O
Molecular Weight	453.32

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 (Complexometric)	min. 99.5%	99.8%
pH (5% aq. solution)	~ 3.0	3.1
Chloride (Cl)	max. 0.001%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Phosphate (PO ₄)	max. 0.001%	Passes
Copper (Cu)	max. 0.0005%	Passes
Silicate (SiO ₂)	max. 0.001%	Passes
Potassium (K)	max. 0.02%	Passes

FRM/82/11/4/83147 Rev No. 2 Date 06/02/2023

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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