



**SISCO
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PVT. LTD.**

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Certificate of Analysis

Product

**42550 - Aluminium Potassium Sulphate
Dodecahydrate extrapure AR, ACS, ExiPlus,
Multi-Compendial, 99.5% - [7784-24-9]**

Batch No

9580596

Analysis Date

21-Jan-2023

Date of Manufacture

January 2023

Expiry Date/Re-Test Date

January 2028

Molecular Formula

AlK(SO₄)₂.12H₂O

Molecular Weight

474.38

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder / Crystals	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 - 3.5	3.21
Chloride (Cl)	max. 0.0005%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Copper (Cu)	max. 0.0005%	Passes
Ammonium (NH ₄)	max. 0.005%	Passes
Sodium (Na)	max. 0.002%	Passes
Insoluble matter	max. 0.005%	0.001%

FRM/82/11/4/42550 Rev No. 3 Date 27/10/2022

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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

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