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# Certificate of Analysis

<b>Product</b>	<b>42889 - Aluminium Potassium Sulphate Dodecahydrate extrapure AR, 99.5% - [7784-24-9]</b>
<b>Batch No</b>	<b>3202762</b>
<b>Analysis Date</b>	21-Jan-2023
<b>Date of Manufacture</b>	January 2023
<b>Expiry Date/Re-Test Date</b>	January 2028
<b>Molecular Formula</b>	AlK(SO <sub>4</sub> ) <sub>2</sub> .12H <sub>2</sub> O
<b>Molecular Weight</b>	474.38

Test Parameters	Standards	Actual Results
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. 0.001%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Copper (Cu)	max. 0.0005%	Passes
Ammonium (NH <sub>4</sub> )	max. 0.05%	Passes
Sodium (Na)	max. 0.002%	Passes

FRM/82/11/4/42889 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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