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## **CERTIFICATE OF ANALYSIS**

Product Name: ALUMINIUM POTASSIUM SULPHATE 99% AR (Dodecahydrate)

Catalogue No.: LA0217 CAS No.: 7784-24-9 Batch No.: 710SF

Date of Manufacture: June 2025

Date of Expiry: May 2030

TEST	SPECIFICATION	RESULT
Description	White crystalline powder	Complies
Solubility	Freely soluble in water	Complies
Identification	Should match reference standard	Complies
Purity (as KAI(SO <sub>4</sub> ) <sub>2</sub> ·12H <sub>2</sub> O)	NLT 99.0%	99.4%
pH (5% solution in water)	3.0 – 4.5	3.6
Chloride (Cl)	NMT 0.005%	<0.005%
Sulphate (SO <sub>4</sub> )	NMT 0.1%	0.03%
Iron (Fe)	NMT 0.002%	0.001%
Heavy Metals	NMT 20 ppm	<20 ppm
Loss on Drying (at 105°C)	43.0% – 46.0%	44.1%

## **Approved By**

(Quality Control Department)

Date: 23/06/2025

FOI LABORD CHEM

Signature:

TESTED BY PREM SINGH

APPROVED BY SHAKIL AHMED