



Qualikems Lifesciences Pvt. Ltd.

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CERTIFICATE OF ANALYSIS

Name of Product	: Aluminium Potassium Sulphate 12 Hydrate	CAS No.	: 7784 - 24 - 9
Molecular Formula	: $AlK(SO_4)_2 \cdot 12H_2O$	Molecular Weight	: 474.38 g/mole
Batch No.	: QF2603143	Grade	: AR
Mfg. Date	: March-2026	Retest Date	: February -2031

Sr. No.	Tests	Specification	Observation
1	Appearance	Solid crystals and/or crystalline powder	Complies
2	Test Solution (5g in 50ml water)	Solution is clear and colourless	Complies
3	pH (5% solution in water)	> 3.0	3.21
4	Assay (as $AlK(SO_4)_2 \cdot 12H_2O$)	Min 99.5 %	99.72 %
Maximum limits of impurities:#			
5	Water Insoluble matter	0.005%	0.003%
6	Chloride (Cl)	0.001%	< 0.001%
7	Ammonium (NH ₄)	0.025%	< 0.025%
8	Arsenic (As)	0.0002%	0.0001 %
9	Copper (Cu)	0.0005%	0.0002%
10	Heavy Metals (Pb)	0.0005%	0.0001%
11	Iron (Fe)	0.0005%	< 0.0005%
12	Sodium (Na)	0.01 %	0.006 %

Conclusion: Product complies as per above specification.

Note: This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance

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