

**Qualikems**

Qualikems Lifesciences Pvt. Ltd.

(Formerly known as Qualikems fine chem Pvt Ltd)

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CERTIFICATE OF ANALYSIS

Name of Product	:	Aluminium Ammonium Sulphate	CAS No.	:	7784-26-1
Molecular Formula	:	NH ₄ Al(SO ₄) ₂ .12H ₂ O	Molecular Weight	:	453.32 g/mole
Batch No.	:	QF2502132	Grade	:	AR
Mfg. Date	:	February-2025	Retest Date	:	January-2030

Sr. No.	Tests	Specification	Observation
1	Appearance	Solid crystals and/or crystalline powder	Complies
2	Test solution (5G 50ml water)	Clear colourless	Complies
3	Ph (5% Solution in water)	Min 3.0	3.15
4	Assay (as AlNH ₂ (SO ₄) ₂ .12H ₂ O)	Min 99.5 %	99.74%
Maximum limits of impurities:#			
5	Chloride (Cl)	0.005%	< 0.005 %
6	Nitrate, as NO ₄	0.001 %	0.0006 %
7	Phosphate, as PO ₃	0.0025 %	0.0018 %
8	Arsenic as AS	0.0005 %	0.0003 %
9	Copper as Cu	0.001 %	0.0008 %
10	Heavy metals as Pb	0.0005 %	0.0003 %
11	Iron as Fe	0.0005 %	<0.0005 %
12	Potassium as K	0.05 %	0.03 %
13	Sodium as Na	0.005 %	0.003 %

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

(An ISO 9001 : 2015 & 14001 : 2015 & 45001:2018 Certified Company)

NSIC - CRISIL SE 2B which indicates " High Performance Capability & Moderate Financial Strength