Qualikems Lifesciences Pvt. Ltd.

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CERTIFICATE OF ANALYSIS

Name of Product	:	Ammonium Sulphate	**CAS No.**	:	7783-20-2
Molecular Formula	:	$(NH_4)_2SO_4$	**Molecular Weight**	:	132.13 g/mole
Batch No.	:	QF2611160	**Grade**	:	AR
Mfg. Date	:	November-2026	**Retest. Date**	:	October -2031

Sr.No.	Tests	Specification	Observation
1	Appearance	Fine White Crystals	Complies
2	Minimum assay (acidimetric on dried substances)	99.5 %	99.66 %
	Maximum limits of impurities:#		
3	Insoluble matter	0.001%	Complies
4	Loss on drying at 100°C	0.1%	0.05 %
5	Reaction	Not less than pH 4.5	4.6
6	Non-volatile matter	0.01%	0.006%
7	Chloride(Cl)	0.0003%	<0.0003%
8	Nitrate(NO_3)	0.001%	0.0004%
9	Phosphate(PO_4)	0.0005%	0.0002%
10	Arsenic(As)	0.00002%	<0.00002%
11	Calcium(Ca)	0.001%	0.0006%
12	Copper(Cu)	0.0002%	0.0001%
13	Iron(Fe)	0.0002%	<0.0002%
14	Lead(Pb)	0.0002%	0.0001%
15	Magnesium(Mg)	0.0005%	0.0003%

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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