

CERTIFICATE OF ANALYSIS

PRODUCT NAME : AMMONIUM SULPHATE AR

CAS No : 7783-20-2
Mol. Formula : $(\text{NH}_4)_2\text{SO}_4$
Mol. WT : 132.14
Date of analysis : 16/12/24

Product code : 21780
Batch No. : MCAR-00963
Mfd. : Dec. 2024
Exp. : Nov. 2029

S.R	Test	Specification	Observation
1	Description	A white crystalline powder or colourless crystals.	White crystalline powder.
2	Assay (after drying)	99.5% min	99.72%
3	Insoluble matter	0.001% max	0.0006%
4	Loss on drying at 100°C	0.1% max	0.003%
5	pH (5% aq.solution)	5.0 - 6.5	5.07
6	Non volatile matter	0.01% max	0.007%
7	Chloride (Cl)	0.0003% max	< 0.0003%
8	Nitrate (NO₃)	0.001% max	< 0.001%
9	Phosphate (PO₄)	0.0005% max	< 0.0005%
10	Arsenic (As)	0.00002% max	< 0.00002%
11	Calcium (Ca)	0.001% max	< 0.001%
12	Copper (Cu)	0.0002% max	<0.0002%
13	Iron (Fe)	0.0002% max	< 0.0002%
14	Lead (Pb)	0.0002% max	< 0.0002%
15	Magnesium(Mg)	0.0005% max	< 0.0005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**

[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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