

CERTIFICATE OF ANALYSIS

PRODUCT NAME : AMMONIUM CHLORIDE AR

CAS No : 12125-02-9
Mol. Formula : NH₄Cl
Mol. WT : 53.49
Date of analysis : 27/06/25

Product code : 21500
Batch No. : MCAR-01775
Mfd. : June 2025
Exp. : May 2030

S.R	Test	Specification	Observation
1	Description	White powder or crystalline powder.	White crystalline powder.
2	Assay	99.5% w/w min.	99.81%w/w
3	pH (5% aq. solution)	4.5 – 6.5	5.30
4	Insoluble matter	0.001 % max	0.0006%
5	Non-volatile matter	0.005 % max	0.003%
6	Iodide (I)	0.001 % max	<0.001 %
7	Phosphate (PO₄)	0.0003% max	<0.0003%
8	Sulphate (SO₄)	0.002% max	<0.002%
9	Calcium (Ca)	0.001% max	<0.001%
10	Iron (Fe)	0.0002% max	<0.0002%
11	Lead (Pb)	0.0002 % max	<0.0002 %
12	Potassium (K)	0.005 % max	<0.005 %
13	Sodium (Na)	0.005 % max	<0.005 %
14	Pyridine and homologues	0.001% max	<0.001%
15	Arsenic (As)	0.00005% max	<0.00005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Deepa)**



[QC Incharge]



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

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