



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : AMMONIUM CHLORIDE AR**

**CAS No : 12125-02-9**  
**Mol. Formula : NH<sub>4</sub>Cl**  
**Mol. WT : 53.49**  
**Date of analysis : 02/07/24**

**Product code : 21500**  
**Batch No. : MCAR-00337**  
**Mfd. : July 2024**  
**Exp. : June 2029**

S.R	Test	Specification	Observation
1	<b>Description</b>	White powder or crystalline powder.	White crystalline powder.
2	<b>Assay</b>	99.5% w/w min.	99.93%w/w
3	<b>pH (5% aq. solution)</b>	4.5 – 6.5	5.12
4	<b>Insoluble matter</b>	0.001 % max	0.0006%
5	<b>Non volatile matter</b>	0.005 % max	0.004%
6	<b>Iodide (I)</b>	0.001 % max	<0.001 %
7	<b>Phosphate (PO<sub>4</sub>)</b>	0.0003% max	<0.0003%
8	<b>Sulphate (SO<sub>4</sub>)</b>	0.002% max	<0.002%
9	<b>Calcium (Ca)</b>	0.001% max	<0.001%
10	<b>Iron (Fe)</b>	0.0002% max	<0.0002%
11	<b>Lead (Pb)</b>	0.0002 % max	<0.0002 %
12	<b>Potassium (K)</b>	0.005 % max	<0.005 %
13	<b>Sodium (Na)</b>	0.005 % max	<0.005 %
14	<b>Pyridine and homologues</b>	0.001% max	<0.001%
15	<b>Arsenic (As)</b>	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)**

**MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)**

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**Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.**

**•ISO 9001:2015•ISO 14001: 2015•BS OHSAS 18001: 2007•WHO-GMP Certified•NSIC Registered•MSME Registered•CAA Registered**



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