

## CERTIFICATE OF ANALYSIS

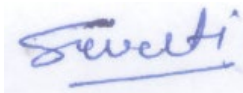
**PRODUCT NAME : AMMONIUM ACETATE AR**

CAS No	: 631-61-8	Product code	: 21420
Mol. Formula	: CH <sub>3</sub> .COONH <sub>4</sub>	Batch No.	: MCAR-00556
Mol. WT	: 77.08	Mfd.	: Sept. 2024
Date of analysis	: 04/09/24	Exp.	: Aug. 2029

S.R	Test	Specification	Observation
1	<b>Description</b>	Colourless hygroscopic crystals or white crystalline powder with a faint odour.	White crystalline powder with a faint odour
2	<b>Assay (acidimetric)</b>	98.0% min	98.50%
3	<b>pH (5% aq solution)</b>	6.5 - 7.5	6.90
4	<b>Insoluble matter</b>	0.001% max	0.0006%
5	<b>Non-Volatile matter</b>	0.01% max	0.002%
6	<b>Phosphate (PO<sub>4</sub>)</b>	0.0005% max	< 0.0005%
7	<b>Chloride (Cl)</b>	0.0005% max	< 0.0005%
8	<b>Nitrate (NO<sub>3</sub>)</b>	0.002% max	< 0.002%
9	<b>Sulphate (SO<sub>4</sub>)</b>	0.002% max	< 0.002%
10	<b>Calcium (Ca)</b>	0.001% max	< 0.001%
11	<b>Copper (Cu)</b>	0.0001% max	< 0.0001%
12	<b>Iron (Fe)</b>	0.0001% max	< 0.0001%
13	<b>Lead (Pb)</b>	0.0001% max	< 0.0001%
14	<b>Magnesium (Mg)</b>	0.0004% max	< 0.0004%

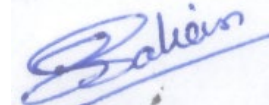
**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Swati)**

**[QC Incharge]**



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

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