

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : AMMONIUM ACETATE AR**

<b>CAS No</b>	: 631-61-8	<b>Product code</b>	: 21420
<b>Mol. Formula</b>	: CH <sub>3</sub> .COONH <sub>4</sub>	<b>Batch No.</b>	: MCRT-29687
<b>Mol. WT</b>	: 77.08	<b>Mfd.</b>	: Nov. 2023
<b>Date of analysis</b>	: 10/11/23	<b>Exp.</b>	: Oct. 2028

S.R	Test	Specification	Observation
1	<b>Description</b>	Colourless hygroscopic crystals or crystalline powder with a faint odour	White hygroscopic crystalline powder with a faint odour
2	<b>Assay (acidimetric)</b>	98.0% min	98.54%
3	<b>pH (5% aq solution)</b>	6.5 - 7.5	6.77
4	<b>Insoluble matter</b>	0.001% max	0.0007%
5	<b>Non-Volatile matter</b>	0.01% max	0.0001%
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]**

**[QC Incharge]**

**CHEMIST  
(Priyanka)**

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

**Note:** Computer generated image requires no sign.

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