



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : AMMONIA SOLUTION 25% AR**  
**Sp. Gr. 0.91**

<b>CAS No</b>	: 1336-21-6	<b>Product code</b>	: 21400
<b>Mol. Formula</b>	: NH <sub>3</sub>	<b>Batch No</b>	: MCAR-00144
<b>Mol. WT</b>	: 17.03	<b>Mfd.</b>	: May 2024
<b>Date of analysis</b>	: 09/05/24	<b>Exp.</b>	: April 2029

S.R	Test	Specification	Observation
1	<b>Description</b>	A clear colourless liquid with strong pungent odour.	A clear colourless liquid with strong pungent odour.
2	<b>Assay</b>	25 %w/w min	25.38% w/w
3	<b>Carbonate (CO<sub>3</sub>)</b>	0.002% max	< 0.002%
4	<b>Chloride (Cl)</b>	0.00005% max	< 0.00005%
5	<b>Phosphate (PO<sub>4</sub>)</b>	0.0002% max	< 0.0002%
6	<b>Sulphate (SO<sub>4</sub>)</b>	0.0003% max	< 0.0003%
7	<b>Non-volatile matter</b>	0.003% max	0.001%
8	<b>Calcium (Ca)</b>	0.0005% max	< 0.0005%
9	<b>Potassium (K)</b>	0.0001% max	< 0.0001%
10	<b>Sodium (Na)</b>	0.0005% max	< 0.0005%
11	<b>Magnesium (Mg)</b>	0.00005% max	< 0.00005%
12	<b>Iron (Fe)</b>	0.00005% max	< 0.00005%
13	<b>Copper (Cu)</b>	0.00001% max	< 0.00001%
14	<b>Zinc (Zn)</b>	0.00001% max	< 0.00001%
15	<b>Oxygen absorbed (O)</b>	0.0008% max	< 0.0008%

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Deepa)**

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

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

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