CERTIFICATE OF ANALYSIS

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

CAS No	**: 1336-21-6**	**Product code**	**: 21400**
Mol. Formula	**: NH_3**	**Batch No.**	**: MCAR-00635**
Mol. WT	**: 17.03**	**Mfd.**	**: Sept. 2024**
Date of analysis	**: 25/09/24**	**Exp.**	**: Aug. 2029**

S.R	Test	Specification	Observation
1	**Description**	A clear colourless liquid with strong pungent odour.	A clear colourless liquid with strong pungent odour.
2	**Assay**	25 %w/w min	25.26% w/w
3	**Carbonate (CO_3)**	0.002% max	< 0.002%
4	**Chloride (Cl)**	0.00005% max	< 0.00005%
5	**Phosphate (PO_4)**	0.0002% max	< 0.0002%
6	**Sulphate (SO_4)**	0.0003% max	< 0.0003%
7	**Non-volatile matter**	0.003% max	0.0015%
8	**Calcium (Ca)**	0.0005% max	< 0.0005%
9	**Potassium (K)**	0.0001% max	< 0.0001%
10	**Sodium (Na)**	0.0005% max	< 0.0005%
11	**Magnesium (Mg)**	0.00005% max	< 0.00005%
12	**Iron (Fe)**	0.00005% max	< 0.00005%
13	**Copper (Cu)**	0.00001% max	< 0.00001%
14	**Zinc (Zn)**	0.00001% max	<0.00001%
15	**Oxygen absorbed (O)**	0.0008% max	< 0.0008%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

CHEMIST
(Swati)

[QC Incharge]

HEAD-QUALITY ASSURANCE
(G.G.Salian)

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