



CERTIFICATE OF ANALYSIS

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

CAS No : 1336-21-6
Mol. Formula : NH₃
Mol. WT : 17.03
Date of analysis : 27/06/24

Product code : 21400
Batch No. : MCAR-00318
Mfd. : June 2024
Exp. : May 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	25.67% w/w
3	Carbonate (CO₃)	0.002% max	< 0.002%
4	Chloride (Cl)	0.00005% max	< 0.00005%
5	Phosphate (PO₄)	0.0002% max	< 0.0002%
6	Sulphate (SO₄)	0.0003% max	< 0.0003%
7	Non-volatile matter	0.003% max	0.0007%
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
(Jyoti)

[QC Incharge]

HEAD-QUALITY ASSURANCE
(G.G.Salian)

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