



**Quality control laboratory**

Product name	Ammonia solution	Batch no	AMA925
MFG.Date	08-2025	Retest.Date	08/2030
Cas	1336-21-6	M.W.	35.05g/mol
		M.F	NH <sub>4</sub> OH

Sr No.	Characteristics	Unite	Specification	Result
1	Appearance	--	Clear colorless liquid	Pass
2	odor	--	Pungent	pass
3	solubility	In water	Soluble	pass
4	density	g/ml	0.901 – 0.903	Pass
5	boiling point	C	36 - 38	pass
6	pH	--	13 – 14	pass
7	Assay as(NH <sub>3</sub> )	Wt%	23 – 26	Pass
8	Heavy metal as (Pb)	PPM	MAX 2	Pass
9	Sulfate	PPM	MAX 10	Pass
10	Chloride	PPM	MAX 5	Pass
11	Calcium	PPM	MAX 10	Pass

Above batch material complies with prescribed quality of the standard as stated above.

***M.Nashat***

QC Manger