

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Ammonia Solution 25% AR

Catalog Number : B-3009

Batch Number : 3009-00000000

CAS Number : 1336-21-6

Molecular Weight : 35.05 g/mol

Mol. Formula : NH_4OH

Expire Date : 36 Months

SAMPLE

No	Test	Specifications	Results
1	Appearance	Clear colourless liquid with a pungent odour	Clear colourless liquid with a pungent odour
2	Assay (acidimetric)	min 25.0 %	25.51%
3	Wt.per ml at 20 °C	0.905 – 0.915 g/cm ³	0.915 g/cm ³
4	Colour	max 10 Hazen	< 10 Hazen
5	Non-volatile matter	max 0.002 %	0.0017%
6	Carbonate (as CO ₃)	max 0.002 %	0.00045%
7	Chloride (Cl)	max 0.00005 %	0.000035%
8	Phosphate (PO ₄)	max 0.0002 %	0.00012%
9	Sulphate (SO ₄)	max 0.0002 %	0.000023%
10	Calcium (Ca)	max 0.0005 %	0.00022%
11	Potassium (K)	max 0.0001 %	0.00006%
12	Sodium (Na)	max 0.0005 %	0.00025%
13	Magnesium (Mg)	max 0.00005 %	0.000014%
14	Iron (Fe)	max 0.00005 %	0.000024%
15	Copper (Cu)	max 0.00001 %	0.0000042%
16	Zinc (Zn)	max 0.00001 %	0.0000031%

Corresponds to AR / ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specificationSUDIRO S.Si.
Manager QC