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Certificate of Analysis

Product 14388 - Ammonia Solution extrapure AR, 30% -
[1336-21-6]
Batch No 5817709
Analysis Date 12-Sep-2023
Date of Manufacture September 2023
Expiry Date/Re-Test Date September 2028
Molecular Formula NH₄OH
Molecular Weight 35.05

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	Passes
Assay (T)	min. 30%	30.02%
Density (g/ml) @ 20°C	0.88	0.88
Non Volatile Matter	max. 0.002%	0.0005%
Substances reducing Permanganate (O)	max. 0.0008%	Passes
Chloride (Cl)	max. 0.00005%	Passes
Sulphate (SO ₄)	max. 0.0002%	Passes
Iron (Fe)	max. 0.00002%	Passes
Heavy Metals (Pb)	max. 0.000005%	Passes
Carbonate (CO ₃)	max. 0.002%	Passes
Phosphate (PO ₄)	max. 0.00005%	Passes
Sulphide (S)	max. 0.00001%	Passes
Calcium (Ca)	max. 0.0001%	Passes
Copper (Cu)	max. 0.000005%	Passes
Sodium (Na)	max. 0.0005%	Passes
Potassium (K)	max. 0.0001%	Passes
Magnesium (Mg)	max. 0.00001%	Passes
Zinc (Zn)	max. 0.00002%	Passes
Pyridine & Homologues	max. 0.0002%	Passes

FRM/82/11/2/14388 Rev No. 1 Date 27/09/2021

Prepared by DRathod

In compliance with the standard specifications of SRL

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