

Certificate of Analysis

Ammonium hydroxide solution

ACS Reagent, 28.0-30.0% NH₃ basis

Product Number	PSR12381	CAS No.	1336-21-6
Brand	PureSynth	Lot No.	A12381H0724
Molecular Formula	NH ₄ OH	Date of Mfg.	July,2024
Molecular Weight	35.05 g/mol	Date of Exp.	June,2027

Test	Specification	Result
Appearance	Colorless liquid	Colorless liquid
Assay (By Titr.)	28.0 % - 30.0 %	29.1 %
Carbonate (As CO ₃)	NMT 10.0 ppm	Conforms
Sulphate (SO ₄)	NMT 2.0 ppm	Conforms
Chloride (Cl)	NMT 0.5 ppm	Conforms
Sulphide (S)	NMT 0.2 ppm	Conforms
Phosphate (PO ₄)	NMT 0.5 ppm	Conforms
Sodium (Na)	NMT 0.5 ppm	Conforms
Non-volatile matter	NMT 10.0 ppm	Conforms

Condition: Store at room temperature and keep container tightly closed in a well-ventilated place.

Remark: The batch complies with the prescribed quality of the above specification.

Approved By
Head - Technical

This is a computer-generated report -does not required sign

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