

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2025-06-06 17:01:12
Date of Next Testing: 2028-06-05 17:01:12
Product Name: **Ammonia solution 25%**
CAS Number: 1336-21-6
Specifications & Purity: Ph.Eur., Suitable for Analysis, ISO, Premium pure
Lot #: F2504193
SKU #: **A431919**
Version: **1**
Analysis #: **508673**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Assay(acidimetric, NH ₃)	25-30 (%)	26.26000 %
carbonate (CO ₂)	0-10 (ppm)	0.00000 ppm
Chloride (Cl ⁻)	0-0.5 (ppm)	0.00000 ppm
Phosphate(PO ₄)	0-0.5 (ppm)	0.00000 ppm
Silicon (as SiO ₂)	0-10 (ppm)	0.00000 ppm
Sulfate(SO ₄ ²⁻)	0-2 (ppm)	0.00000 ppm
Sulphide(S)	0-0.2 (ppm)	0.00000 ppm
Silver(Ag)	0-0.02 (ppm)	0.00000 ppm
Aluminium(Al)	0-0.5 (ppm)	0.00000 ppm
Gold(Au)	0-0.1 (ppm)	0.10000 ppm
Barium(Ba)	0-0.05 (ppm)	0.00000 ppm
Bismuth(Bi)	0-0.1 (ppm)	0.00000 ppm
Calcium(Ca)	0-0.5 (ppm)	0.00000 ppm
Cadmium(Cd)	0-0.05 (ppm)	0.00000 ppm
Cobalt(Co)	0-0.05 (ppm)	0.00000 ppm
Chromium(Cr)	0-0.05 (ppm)	0.00000 ppm
Copper(Cu)	0-0.1 (ppm)	0.00000 ppm
Iron(Fe)	0-0.1 (ppm)	0.00000 ppm
Gallium(Ga)	0-0.02 (ppm)	0.00000 ppm
Indium(In)	0-0.02 (ppm)	0.00000 ppm
Potassium(K)	0-0.5 (ppm)	0.00000 ppm
Lithium(Li)	0-0.02 (ppm)	0.00000 ppm
Magnesium(Mg)	0-0.1 (ppm)	0.00000 ppm
Manganese(Mn)	0-0.05 (ppm)	0.00000 ppm
Sodium(Na)	0-0.5 (ppm)	0.00000 ppm

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Nickel(Ni)	0-0.05 (ppm)	0.00000 ppm
Lead(Pb)	0-0.05 (ppm)	0.00000 ppm
Strontium(Sr)	0-0.1 (ppm)	0.00000 ppm
Thallium(Tl)	0-0.05 (ppm)	0.00000 ppm
Zinc(Zn)	0-0.1 (ppm)	0.00000 ppm
Substances reducing potassium permanganate (as O)	0-5 (ppm)	0.00000 ppm
Residue on Ignition	0-10 (ppm)	0.00000 ppm
Non volatile matter	0-10 (ppm)	0.00000 ppm
Pyridine and related substances	0-2 (ppm)	1.20000 ppm
Molybdenum(Mo)	0-0.05 (ppm)	0.05000 ppm
Platinum(Pt)	0-0.1 (ppm)	0.00000 ppm
Tin(Sn)	0-0.1 (ppm)	0.09500 ppm
Titanium(Ti)	0-0.1 (ppm)	0.00000 ppm
Appearance(A431919)	Colorless, transparent liquid	Colorless, transparent liquid

