

Technical Datasheet

Art.-No.: 2672

Ammonia solution 25 % w/w p. a., ISO, Ph. Eur.
(±250 g NH₃/kg)

For laboratory use.

Parameter	Value
Appearance	Colourless liquid
Density (20 °C)	0.89 g/ml
Melting point	-57 °C
Boiling point	38 °C
CAS-No.	1336-21-6
Assay (as NH ₃)	min. 25 %
Non-volatile substances	max. 0.002 %
Silver (Ag)	max. 0.000002 %
Gold (Au)	max. 0.00001 %
Barium (Ba)	max. 0.00001 %
Bismuth (Bi)	max. 0.00001 %
Calcium (Ca)	max. 0.0001 %
Cadmium (Cd)	max. 0.000005 %
Cobalt (Co)	max. 0.00001 %
Chromium (Cr)	max. 0.000005 %
Copper (Cu)	max. 0.00001 %
Iron (Fe)	max. 0.00001 %
Gallium (Ga)	max. 0.000002 %
Indium (In)	max. 0.000002 %
Potassium (K)	max. 0.0001 %
Lithium (Li)	max. 0.000002 %
Magnesium (Mg)	max. 0.00005 %
Manganese (Mn)	max. 0.00001 %
Molybdenum (Mo)	max. 0.00001 %
Sodium (Na)	max. 0.0001 %
Nickel (Ni)	max. 0.000005 %

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Lead (Pb)	max. 0.000005 %
Platinum (Pt)	max. 0.00001 %
Tin (Sn)	max. 0.00001 %
Strontium (Sr)	max. 0.0001 %
Titanium (Ti)	max. 0.00001 %
Thallium (Tl)	max. 0.000005 %
Zinc (Zn)	max. 0.00001 %
Carbonate (CO ₃)	max. 0.001 %
Chloride (Cl)	max. 0.00005 %
Phosphate (PO ₄)	max. 0.00005 %
Sulphate (SO ₄)	max. 0.0002 %
Sulphur (S)	max. 0.0002 %
Reducing substances	max. 0.0005 %
Residue on evaporation	max. 0.002 %
Silicate (SiO ₂)	max. 0.001 %
Appearance of solution	clear, colourless
Density	0.892 – 0.910 g/ml
Oxidizing substances	complies
Pyridine and related substances	complies
Identity B	complies
Identity C	complies
Solubility	complies