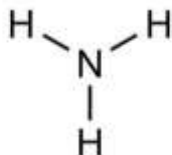


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

AMMONIA SOLUTION 30 % EXTRAPURE

Ammonium hydroxide solutions; ammonia aqueous; ammonia water



Product Code	B-3010	Grade	Extrapure
Purity	30%	CAS No	1336-21-6
Molecular Formula	NH ₄ OH	Molecular Weight	35.05 g/mol
H.S.Code	2814.2000	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Vapour pressure [20°C]	153 hPa at 20 °C
Colour	Clear Colorless	Vapour density	1.21
Odour	stinging	Density [g/cm ³]	0.9
pH value	11.7	Solubility in water [% weight]	Infinitely soluble
Melting point/ Freezing point [°C]	-60 °C	Boiling point [°C]	38 – 100 °C
Auto-ignition temperature [°C]	6510°C		

Packaging

500 ml & 2500 ml

Specification

Appearance	Clear colorless liquid with a pungent odour
Assay (acidimetric)	min 25.0 %
Wt.per ml at 20 °C	0.905 – 0.915 g/cm ³
Colour	max 10 Hazen
Non-volatile matter	max 0.01 %
Chloride (Cl)	max 0.001 %
Sulphate (SO ₄)	max 0.002 %
Arsenic (As)	max 0.00002 %
Iron (Fe)	max 0.0001 %
Lead (Pb)	max 0.0001 %

Safety Information and Hazard Symbols



Symbol: GHS05, GHS07, GHS09

Signal Word: Danger

UN No.: 2672

IMCO Class No.: 8

Packing Group: III

Hazardous Statement: H290-H314-H335-H400

Precaution Statement: P273-P280-P301+P330+P331-P305+P351+P338-P308+P310