

Product: Aqua Ammonia 25%

- 1. Product Description:** Ammonia Solution
Premium Grade
- 2. Other Names:**
Ammonium hydroxide solution, Ammonium hydrate, Aqua Ammonia, Ammonia aqueous solution.
- 3. Product Codes:**
AQUAMM25
- 4. Suggested Applications:**
pH adjuster in food processing
- 5. Packaging:**
200L drum, 1000L IBC, bulk
- 6. Shelf Life & Storage Requirements:**
Keep containers tightly closed in a dry, cool and well-ventilated place.
Keep container closed when not in use. When stored properly, there should not be major changes in product properties for a period of six (6) months.

7. Specification:

Parameter	Test Method	Range
Strength Ammonia *	SG calculation	24.5 – 26.5 % w/w
Specific Gravity (15°C) *	SG Meter	0.907 – 0.913
Lead*	ICP-OES	≤0.5 mg/kg
Non- Volatile Residue*	Gravimetric	≤0.02%
Readily Oxidisable Substances*	Titration	Passes test (FCC)
Iron*	ICP-OES	≤10.0 mg/kg
Copper*	ICP-OES	≤5.0 mg/kg
Cadmium*	ICP-OES	≤0.25 mg/kg
Chloride*	Spectrophotometric	≤5.0 mg/kg
Arsenic*	ICP-OES	≤0.25 mg/kg
Mercury*	ICP-OES	≤0.25 mg/kg
Turbidity (50% solution) *	Turbidity meter	≤20NTU

8. Physical Properties:

Property	Test Method	Description
Colour and Odour*	Visual	Clear liquid with pungent odour
Foreign Matter (airborne unavoidable matter)	Visual	Acceptable by visual inspection
Foreign Matter (Food safety risk)	Visual	Nil

* Denotes test results are available on COA/COC

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9. Approvals and Certifications:

MPI recognised for use in dairy processing

Kosher certified

Halal certified

No materials containing a GMO based product are used in this formulation

No Materials used in this formulation are listed as potential allergens

Ixom purchases this material to the above specifications, which meets FCC and/or FSANZ Schedule 3 Identity and Purity.

10. Country of Origin: Australia

11. Documentation Available on Request:

SDS

Product information Sheets

Certificate of Analysis

Test Methods

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