

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



IXOM OPERATIONS PTY LTD.
1 NICHOLSON STREET,
EAST MELBOURNE VIC 3002
PH: 1300 550 036 FAX: 1300 550 081
ixom.com

IXOM OPERATIONS PTY LTD.
166 TOTARA STREET
MT MAUNGANUI
NEW ZEALAND
Phone: 0800 22 22 77
ixom.com

24 HR EMERGENCY RESPONSE SERVICE
Australia
1800 033 111
New Zealand
0800 734 607
International
+61 (0)3 9663 2130

ACN: 600 546 512

This specification is valid at the time of issue, but may be subject to change without notice. We advise you to review the information in this specification in the specific context of the intended application. Ixom Operations Pty Ltd will not be responsible for damages of any nature resulting from the use of or reliance upon the information in this specification. Where you consider it appropriate, please reconfirm specifications with us at the time of purchase. *Customers are responsible for undertaking their own enquiries to ensure that a product conforming with the following specifications is suitable for the customer's use(s), purpose(s), application(s), process(es) and equipment. (To the extent permissible under the statutes and regulations of the country of supply), Ixom Operations Pty Ltd and its related companies exclude all legal and other responsibility and liability associated with ensuring that the product is fit or suitable for customers' uses, purposes, applications, processes or equipment.

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

Issue Date: 22 August 2024

Version No.: 007

Issued By: BMA

Reference: AQUAAMM25

22/8/2024

This specification is valid at the time of issue, but may be subject to change without notice. We advise you to review the information in this specification in the specific context of the intended application. Ixom Operations Pty Ltd will not be responsible for damages of any nature resulting from the use of or reliance upon the information in this specification. Where you consider it appropriate, please reconfirm specifications with us at the time of purchase. *Customers are responsible for undertaking their own enquiries to ensure that a product conforming with the following specifications is suitable for the customer's use(s), purpose(s), application(s), process(es) and equipment. (To the extent permissible under the statutes and regulations of the country of supply), Ixom Operations Pty Ltd and its related companies exclude all legal and other responsibility and liability associated with ensuring that the product is fit or suitable for customers' uses, purposes, applications, processes or equipment.