



AQUA-CAT® AQUA AMMONIA

Sales Specification

<u>Property</u>	<u>19%</u>	<u>25%</u>	<u>29%</u>
* NH ₃ in H ₂ O, %	18.0 – 20.0	24.0 – 26.0	28.0 – 30.0
* Specific Gravity, 15.6 °C	0.9290 typical	0.9103 typical	0.8983 typical
Heavy Metals as Pb, ppm	< 0.5	< 0.5	< 0.5
Iron, as Fe, ppm	< 0.2	< 0.2	< 0.2
Chloride, as Cl, ppm	< 0.5	< 0.5	< 0.5
Sodium, as Na, ppm	< 2.0	< 2.0	< 2.0
Phosphate, as PO ₄ , ppm	< 2.0	< 2.0	< 2.0
Total Sulfur, as SO ₄ , ppm	< 2.0	< 2.0	< 2.0
Carbon Dioxide, as CO ₂ , wt %	< 0.002	< 0.002	< 0.002
Residue after ignition, wt %	< 0.002	< 0.002	< 0.002

*Certificate of Analysis Properties

AQUA-CAT® Aqua Ammonia products meet or exceed all requirements for Reagent Grade Aqueous Ammonia and the Commercial Item Description for Ammonium Hydroxide Technical Grade (A-A-59370).

AQUA-CAT® Aqua Ammonia manufactured by Southern Ionics is a clear, colorless liquid with a pungent odor.

NSF/ANSI/CAN 60 Certified. Maximum Use Level (MUL) in potable water is 10 mg/L.

29% Aqua Ammonia meets Food Chemical Codex (FCC) specifications (12th Edition, 2020).

In accordance with FDA Title 21 CFR 184.1139, ammonium hydroxide is listed as Generally Recognized as Safe (GRAS) with no limitation other than current Good Manufacturing Practices (cGMP) for the application of leavening agent, pH control, surface-finishing, boiler water additive, and feed additive.

Southern Ionics may accommodate other customer needs upon request.

For information on safety and handling, consult the Safety Data Sheet (SDS) for AQUA-CAT® Aqua Ammonia available at www.southernionics.com or by contacting Southern Ionics Customer Service at 1-800-953-3585.



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To Place an Order or For Inquiries:
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