

Certificate of Analysis

Product: Ammonium Hydroxide 28-30% Solution

Item Number: AMHA30

Grade: ACS

Lot Number: 420915

Manufacture Date: 09/08/2022

Expiration Date: 09/07/2024

Country of Origin: United States

| Tested Property | Specification | Analysis |
|------------------------------------|--|-----------|
| Assay | 28 % - 30 % | 30 % |
| Appearance | Colorless and free from Suspended matter or sediment | Pass |
| Residue after ignition | Max 0.002 % | 0.0005 |
| Carbon Dioxide (CO ₂) | 0.002 % | 0.0001 |
| Chloride | Max 0.5 ppm | <0.2 |
| Phosphate (PO ₄) | Max 2 ppm | <1 |
| Total Sulfur (as SO ₄) | Max 2 ppm | <1 |
| Heavy Metals (as Pb) | Max 0.5 ppm | <0.05 ppm |
| Iron (Fe) | 0.2 ppm | <0.02 |
| Sub. Red. Permanganate | To pass the test | Passes |
| Nitrate (NO ₃) | Max 2 ppm | <1 |
| Specific Gravity @ 60°F | 0.896 - 0.902 | 0.901 |

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Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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