

### Certificate of Analysis

**Product: Ammonium Chloride**  
**Item Number: C1510**  
**Grade: ACS**  
**Lot Number: 250225-3M**  
**Manufacture Date: 02/19/2024**  
**Expiration Date: 02/18/2027**  
**Country of Origin: United States**

Tested Property	Specification	Analysis
Identification	To Pass Test	Passes
Assay, (NH <sub>4</sub> Cl)	Min 99.5%	99.8
pH of a 5% solution @25°C	4.5 - 5.5	4.95
Insoluble Matter	≤0.005%	0.002
Residue after Ignition	≤0.01%	0.005
Calcium	≤0.001%	<0.001
Magnesium	≤5 ppm	<5
Heavy Metals (as Pb)	≤5 ppm	3
Iron	≤2 ppm	<2
Phosphate	≤2 ppm	None Detected
Sulfate	≤0.002%	None Detected
Loss on Drying	≤0.5%	0.005

#### [Ammonium Chloride](#)

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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