

Certificate of Analysis

Product: Ammonium Chloride
Item Number: C1510
Grade: ACS
Lot Number: 251205-1A
Manufacture Date: 10/22/2025
Expiration Date: 10/21/2028
Country of Origin: United States

Tested Property	Specification	Analysis
Identification	To Pass Test	Passes
Assay, (NH ₄ Cl)	Min 99.5%	99.7
pH of a 5% solution @25°C	4.5 - 5.5	4.8
Insoluble Matter	≤0.005%	0.003
Residue after Ignition	≤0.01%	0.007
Calcium	≤0.001%	<0.0003
Magnesium	≤5 ppm	1
Heavy Metals (as Pb)	≤5 ppm	<2
Iron	≤2 ppm	<2
Phosphate	≤2 ppm	<2
Sulfate	≤0.002%	<0.002
Loss on Drying	≤0.5%	0.09
Nitrate	≤5 ppm	<5
Solubility	To Pass the Test	Pass

Store in a cool, dry, and well-ventilated environment under an inert atmosphere and away from moisture.
 CAS RN: 12125-02-09

[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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