

Certificate of Analysis**Product: Ammonium Chloride Granular 99% ACS Grade****Item Number: C1510****CAS#: 12125-02-09****Grade: ACS****Lot Number: Current Material****Manufacture Date: 10/22/2025****Expiration Date: 10/22/2027****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.

[Ammonium Chloride Granular 99% ACS Grade](#)

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

Phone: 512-668-9918, Fax: 512-886-4008,

E-mail: customercare@laballey.com,
www.laballey.com,

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

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