LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Ammonium Chloride Granular 99% ACS Grade
Item Number: C1510
CAS#: 12125-02-09
Grade: ACS
Lot Number: 261028-1M
Manufacture Date: 10/22/2026
Expiration Date: 10/22/2028
Country of Origin: United States

Tested Property	Specification	Analysis
Identification	To Pass Test	Passes
Assay, (NH4Cl)	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 ppm
Heavy Metals (as Pb)	≤4 ppm	<2 ppm
Iron	≤2 ppm	<2 ppm
Phosphate	≤2 ppm	<2 ppm
Sulfate	≤0.002%	<0.002%
Loss on Drying	≤0.5%	0.09%
Nitrate	≤5 ppm	<5 ppm
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

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