



**ChemPure* Brand
Chemicals**

Cust-Product Code: CP-M1097D
Lot #: 2023112911

...Pure Quality

CERTIFICATE OF ANALYSIS

PRODUCT NAME: **Ammonium Chloride**
Granular, ACS

F.W.: 53.4900

CHEMICAL FORMULA: NH₄Cl

CAS No: 12125-02-9

Density: 1.5300

ANALYTICAL RESULTS		
ITEM	SPECIFICATIONS	ANALYSIS
Assay (NH ₄ Cl)	99.5% min.	99.6%
pH of a 5% solution at 25°C	4.5-5.5	4.8
Insoluble Matter	0.005% max.	0.002%
Residue After Ignition	0.01% max.	0.007%
Phosphate (PO ₄)	2 ppm max.	<2 ppm
Sulfate (SO ₄)	0.002% max.	<0.002%
Calcium (Ca)	0.001% max.	0.0005%
Iron (Fe)	2 ppm max.	<2 ppm
Heavy metals (by ICP-OES)	5 ppm max.	<5 ppm
Magnesium (Mg)	5 ppm max.	2 ppm
Manufacture Date	Record Actual	05/10/2023
Expiration Date	Record Actual	05/09/2027
REMARKS		

It is certified that the above is a true copy of the actual lot analysis.

Eddy Santiago
Quality Assurance Manager

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SUPPORT@CHEMPUREBRAND.COM - WWW.CHEMPUREBRAND.COM

ChemPure Brand Chemicals • P: 440.725.2802 • F: 734.405.6623 • 39103 Warren Rd., Westland, MI 48185