



**ChemPure* Brand
Chemicals**

Product Code: **CP-A1097D, CP-M1097D**

Lot #: **2013010948**

Certificate Of Analysis

...Pure Quality

Chemical Name: **Ammonium Chloride**

Granular, ACS

Chemical Formula: **NH₄Cl**

F.W.: **53.4900**

CAS: **12125-02-9**

Density: **1.0000 kg/L**

Analytical Results		
Item	Specifications	Analysis
Heavy Metals (as Pb)	5 ppm max.	<2.0 ppm
Insoluble Matter	0.005% max.	0.004%
Iron (Fe)	2 ppm max.	<2.0 ppm
Magnesium (Mg)	5 ppm max.	1 ppm
pH of a 5% solution at 25°C	4.5-5.5	4.8
Phosphate (PO ₄)	2 ppm max.	<2.0 ppm
Residue After Ignition	0.01% max.	0.006%
Sulfate (SO ₄)	0.002% max.	<0.002%
Assay (NH ₄ Cl)	99.5% min.	99.7%
Calcium (Ca)	0.001% max.	0.0007%

Remarks:

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

Shawn Chadwick
Technical Director