



**ChemPure* Brand
Chemicals**

Product Code: **044500-90000**

Lot #: **2012080780**

Certificate Of Analysis

Chemical Name: **Ammonium Chloride**

Granular, ACS

Chemical Formula: **NH₄Cl**

...Pure Quality

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 ppm
Insoluble Matter	0.005% max.	0.004%
Iron (Fe)	2 ppm max.	<2 ppm
Magnesium (Mg)	5 ppm max.	0.0001%
pH of a 5% solution at 25°C	4.5-5.5	5.0
Phosphate (PO ₄)	2 ppm max.	<2 ppm
Residue After Ignition	0.01% max.	0.007%
Sulfate (SO ₄)	0.002% max.	<0.002%
Assay (NH ₄ Cl)	99.5% min.	99.9%
Calcium (Ca)	0.001% max.	0.0002%

Remarks:

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

Shawn Chadwick
Technical Director