

## Certificate of Analysis

**Product: Ammonium Chloride**  
**Item Number: C1510**  
**Grade: ACS**  
**Lot Number: 240709-1C**  
**Manufacture Date: 02/19/2024**  
**Expiration Date: 02/18/2026**  
**Country of Origin: United States**

Tested Property	Specification	Analysis
Identification	To Pass Test	Passes
Assay, (NH <sub>4</sub> Cl)	>99.5%	99.8%
pH of a 5% solution @25°C	4.5 - 5.5	4.95
Heavy Metals, (as Pb)	≤4 ppm	3 ppm
Insoluble matter	≤0.005%	0.002%
Loss On Drying	≤0.5%	0.09%
Residue after Ignition	≤0.01%	0.005%
Calcium	≤0.001%	<0.001%
Magnesium	≤5 ppm	<5ppm
Iron	≤2 ppm	<2ppm
Phosphate	≤2ppm	None Detected
Sulfate	≤0.002%	None Detected

### Ammonium Chloride

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