

## Certificate of Analysis

**Product: Ammonium Nitrate Crystal**  
**Item Number: C1610**  
**Grade: ACS**  
**Lot Number: 240311-M**  
**Manufacture Date: 02/23/2024**  
**Expiration Date: 02/22/2026**  
**Country of Origin: Japan**

Tested Property	Specification	Analysis
Assay	≥99.5%	99.8%
pH of a 5% solution @25°C	4.5 - 6.0	4.8
Insoluble Matter	≤0.005%	0.002%
Residue after ignition	≤0.01%	0.002%
Nitrite (NO <sub>2</sub> )	Passes Test	Passes
Chloride (Cl)	≤0.0005%	<0.0005%
Heavy Metals (as Pb)	≤0.0005%	<0.0005%
Iron (Fe)	≤0.0002%	<0.0002%
Phosphate (PO <sub>4</sub> )	≤0.0005%	<0.0005%
Sulfate	≤0.002%	<0.002%

### Ammonium Nitrate Crystal

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