

### Certificate of Analysis

**Product: Ammonium Nitrate Crystal**  
**Item Number: C1610**  
**Grade: ACS**  
**Lot Number: 240624-1M**  
**Manufacture Date: 02/23/2023**  
**Expiration Date: 02/22/2028**  
**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

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

This document was electronically issued and is therefore valid without a signature.