



Certificate of Analysis

Product: Ammonium Nitrate Crystal

Item Number: C1610

Grade: ACS

Lot Number: 250818-2M

Manufacture Date: 02/02/2023

Expiration Date: 02/01/2028

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 ₂)	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 ₄)	≤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.

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