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**Product Specification**

Product Name:

Ammonium acetate ≥99.99% trace metals basis

Product Number:

**431311**

CAS Number:

631-61-8

MDL:

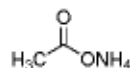
MFCD00013066

Formula:

C<sub>2</sub>H<sub>7</sub>NO<sub>2</sub>

Formula Weight:

77.08 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form) Moist Crystals	Conforms to Requirements
Infrared spectrum	Conforms to Structure
Purity (Titration by NaOH)	≥97.0 %
Residue on ignition (Ash)	≤0.01 %
Insoluble matter (C= 10%; H <sub>2</sub> O) C= 10%, H <sub>2</sub> O	≤0.005 %
Chloride (CL)	≤5 ppm
Iron (Fe)	≤5 ppm
Heavy Metal (as Pb)	≤5 ppm
Nitrate (NO <sub>3</sub> )	≤0.001 %
pH (@ 25 Deg C, C= 5%; H <sub>2</sub> O) at 25 Degrees Celsius (C= 5%, H <sub>2</sub> O)	6.7- 7.3
Sulfate	≤0.001 %
Purity 99.99+ % Based on Trace Metals Analysis	Meets Requirements

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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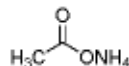
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**TEST****Specification**

Trace Metal Analysis

≤100.0 ppm

Meets ACS Requirements

Current ACS Specification

**Remarks:**

Specification Date : 11/20/2010

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