

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaldrich.com](http://www.sigmaldrich.com)

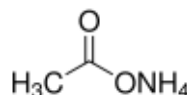
Email USA: [techserv@sial.com](mailto:techserv@sial.com)

Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
Ammonium acetate - for molecular biology, ≥98%

**Product Number:** A1542  
**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  
**Storage Temperature:** 2 - 8 °C



TEST	Specification
Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear
1 g/mL, H <sub>2</sub> O	
Chloride (Cl)	< = 5 ppm
Iron (Fe)	≤ 5 ppm
Heavy Metals	< = 5 ppm
As Lead	
DNAse, Exonuclease Detection	None Detected
RNAse Detection	None Detected
Protease by FITC-Casein	None Detected
Titration with NaOH	≥ 98 %
Recommended Retest Period	-----
4 years	

Specification: PRD.1.ZQ5.10000014357

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.