

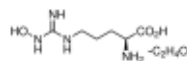
3050 Spruce Street, Saint Louis, MO 63103, USA

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:  
N<sup>G</sup>-Hydroxy-L-arginine acetate salt

Product Number: **H7278**  
CAS Number: 53598-01-9  
MDL: MFCD00216150  
Formula: C<sub>6</sub>H<sub>14</sub>N<sub>4</sub>O<sub>3</sub> · C<sub>2</sub>H<sub>4</sub>O<sub>2</sub>  
Formula Weight: 250.25 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
10 mg/ml,HOAc	
Infrared spectrum	Conforms to Structure
Carbon	33.8 - 38.8 %
Nitrogen	20.5 - 22.9 %
Specific Rotation	18.5 - 25.0 °
c = 1 in 80% HOAc at 25 deg C	
Purity (TLC)	≥ 98 %
% Acetate	17.9 - 25.5
Chloride Content	≤ 1.0 %

Specification: PRD.0.ZQ5.10000093562

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.