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## Product Specification

Product Name:

Ammonium citrate dibasic – ACS reagent, 98%

Product Number:

247561

CAS Number:

3012-65-5

MDL:

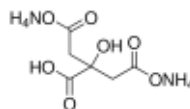
MFCD00013068

Formula:

C<sub>6</sub>H<sub>14</sub>N<sub>2</sub>O<sub>7</sub>

Formula Weight:

226.18 g/mol



### TEST

### Specification

Appearance (Color)	White
Appearance (Form)	Powder or Crystal or Chunk(s)
Infrared spectrum	Conforms to Structure
Purity (Titration by NaOH)	98.0 - 103.0 %
Residue on Ignition	≤ 0.01 %
Insoluble matter	≤ 0.005 %
C = 10%, H <sub>2</sub> O	
Chloride	≤ 0.001 %
Oxalate	Pass
Limit Ca. 0.05%	
Iron (Fe)	≤ 0.001 %
Heavy Metal	≤ 5 ppm
(by ICP)	
Phosphate	≤ 5 ppm
Sulfur compounds	≤ 0.005 %
Meets ACS Requirements	Current ACS Specification
Recommended Retest Period	-----
3 Years	

Specification: PRD.2.ZQ5.10000011599

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.

