

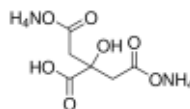
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Product Specification

Product Name:
Ammonium citrate dibasic - ACS reagent, 98%

Product Number: 247561
CAS Number: 3012-65-5
MDL: MFCD00013068
Formula: C₆H₁₄N₂O₇
Formula Weight: 226.18 g/mol



TEST	Specification
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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 ₂ 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. 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.

