

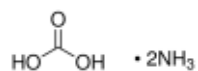
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## Product Specification

Product Name:  
Ammonium carbonate - ACS reagent, ≥30.0% NH<sub>3</sub> basis

Product Number: 207861  
CAS Number: 506-87-6  
MDL: MFCD00010890  
Formula: CH<sub>8</sub>N<sub>2</sub>O<sub>3</sub>  
Formula Weight: 96.09 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Chunks
Titration by NAOH % NH <sub>3</sub>	≥ 30.0 %
Nonvolatile Matter	≤ 0.01 %
Insoluble matter C = 20%, H <sub>2</sub> O	≤ 0.005 %
Chloride (CL)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm
Heavy Metals by ICP-OES	≤ 5 ppm
Sulfur compounds	≤ 0.002 %
Meets ACS Requirements Tenth Edition	Current ACS Specification

Specification: PRD.1.ZQ5.10000033204

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.