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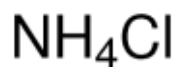
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## Product Specification

Product Name:  
Ammonium chloride - ACS reagent, ≥99.5%

**Product Number:** 213330  
**CAS Number:** 12125-02-9  
**MDL:** MFCD00011420  
**Formula:** H4ClN  
**Formula Weight:** 53.49 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals or Chunk(s)
Titration by AgNO <sub>3</sub>	≥ 99.5 %
Residue on ignition (Ash)	≤ 0.01 %
pH	4.5 - 5.5
@ 25 Deg c (5% Solution)	
Insoluble matter	≤ 0.005 %
10%, H <sub>2</sub> O	
Phosphate	≤ 2 ppm
Sulfate	≤ 0.002 %
Calcium (Ca)	≤ 0.001 %
Magnesium (Mg)	≤ 5 ppm
Heavy Metals	≤ 5 ppm
by ICP-OES	
Iron (Fe)	≤ 2 ppm
Meets ACS Requirements	Current ACS Specification
Recommended Retest Period	-----
3 Years	

Specification: PRD.2.ZQ5.10000018309

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.