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Product Specification

Product Name:

Ammonium chloride - for molecular biology, suitable for cell culture, ≥99.5%

Product Number:**A9434**

CAS Number:

12125-02-9

MDL:

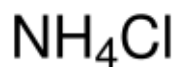
MFCD00011420

Formula:

H4ClN

Formula Weight:

53.49 g/mol

**TEST****Specification**

Appearance (Color)	White
Appearance (Form)	Powder or Crystals
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
100 mg/mL, H ₂ O	
Iron (Fe)	≤ 2 ppm
Heavy Metals (as Lead)	< = 5 ppm
Phosphate	≤ 2 ppm
Sulfate	≤ 20 ppm
RNAse Detection	None Detected
DNAse, Exonuclease Detection	None Detected
NICKase, Endonuclease Detection	None Detected
Protease Detection	None Detected
Titration with AgNO ₃	≥ 99.5 %
Cell Culture Salt Testing	Pass
Recommended Retest Period	-----
3 years	

Specification: PRD.3.ZQ5.10000021357

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.