

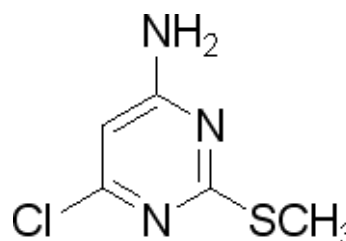
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Product Specification

Product Name:
4-Amino-6-chloro-2-(methylthio)pyrimidine - 97%

Product Number: **A46005**
CAS Number: 1005-38-5
MDL: MFCD00006088
Formula: C₅H₆ClN₃S
Formula Weight: 175.64 AMU



TEST

Specification

Appearance (Color)	White to Yellow
Appearance (Form)	Conforms to Requirements
Powder to Crystalline Powder to Crystals to Solid	
Infrared spectrum	Conforms to Structure
Initial Melting Point	≥ 128.0 °C
Final Melting Point	≤ 135.0 °C
Solubility (Color)	Colorless to Yellow
Concentration: 25 mg/mL in Methanol	
Solubility (Turbidity)	Clear
Purity (TLC)	≥ 97 %
Carbon	32.99 - 35.38 %
Nitrogen	23.08 - 24.76 %

Specification: PRD.0.ZQ5.10000025822

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.