

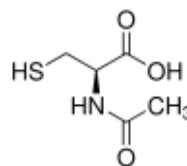
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
N-Acetyl-L-cysteine - Sigma Grade, ≥99% (TLC), powder

Product Number: A7250
CAS Number: 616-91-1
MDL: MFCD00004880
Formula: C₅H₉NO₃S
Formula Weight: 163.19 g/mol
Storage Temperature: 2 - 8 °C



TEST	Specification
Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
100 mg/mL, H ₂ O	
Carbon	36.0 - 38.0 %
Nitrogen	8.3 - 8.9 %
Infrared spectrum	Conforms to Structure
Purity (TLC)	≥ 99 %
Recommended Retest Period	-----
3 years	

Specification: PRD.0.ZQ5.10000040123

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.