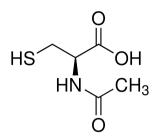
3050 Spruce Street, Saint Louis, MO 63103, USA Website: www.sigma-aldrich.com Email USA: techserv@sial.com Outside USA: eurtechserv@sial.com

## **Certificate of Analysis**

Product Name : Product Number : Batch Number : CAS Number : MDL Number : Storage Temperature : Molecular Formula : Formula Weight : Quality Release Date : N-Acetyl-L-cysteine BioReagent, suitable for cell culture A9165-BULK

0000441978 616-91-1 MFCD00004880 +2°C to +8°C C₅H<sub>9</sub>NO<sub>3</sub>S 163.19 g/mol 02 Jun 2025



Test Specification Result Appearance (Color) White to Off White White Appearance (Form) Powder Powder Solubility (Color) Colorless Colorless Clear Solubility (Turbidity) Clear 100 mg/mL, H2O 36.0 - 38.0 % 36.8 % Carbon Nitroaen 8.3 - 8.9 % 8.6 % Infrared Spectrum Conforms to Structure Conforms Purity (TLC) ≥ 99 % 100 % Cell Culture Test Pass Pass Endotoxin ≤ 500 EU/g < 102 EU/g

10manu

Jagodige Yasomanee, Supervisor Quality Assurance St. Louis, Dekalb US

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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

Version Number: 01 Doc: 1225513

Page 1 of 1



The branding on the header and/or footer of this document may temporarily not visually match the product purchased as we transition our branding However, all of the information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact mlsbranding@sial.com