

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.com

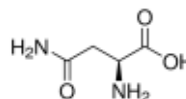
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
L-Asparagine - BioReagent, suitable for cell culture, suitable for insect cell culture

Product Number: A4159
CAS Number: 70-47-3
MDL: MFCD00064401
Formula: C₄H₈N₂O₃
Formula Weight: 132.12 g/mol



TEST	Specification
------	---------------

Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
100 mg/ml, 1 N HCl	
Water (by Karl Fischer)	≤ 1 %
Carbon	35.6 - 37.1 %
Nitrogen	20.8 - 21.6 %
Purity (HPLC)	≥ 98 %
Cell Culture Test	Pass
Insect Cell Test	Pass
Recommended Retest Period	-----
5 years	
Specific Rotation	27 - 31 °
(+) C = 13.2 in 1 N HCl at 20 deg C	

Specification: PRD.1.ZQ5.10000041532

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.