

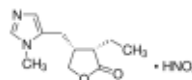
3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:
Pilocarpine nitrate – meets USP testing specifications

Product Number: P0597
CAS Number: 148-72-1
MDL: MFCD00078497
Formula: C₁₁H₁₆N₂O₂ · HNO₃
Formula Weight: 271.27 g/mol



TEST	Specification
Identity	Pass
Specific Rotation	79.5 - 82.5 °
Loss on Drying	≤ 2.0 %
Readily Carbonizable Substances	Pass
Chloride	Pass
Other Alkaloids	Pass
Initial Melting Point	≥ 171 °C
Final Melting Point	≤ 176 °C
with decomposition, but the range between beginning and end of melting does not exceed 3 Deg C	
Assay (Dry Basis)	98.5 - 101.0 %
Residual Solvents	Meets Requirements

Specification: PRD.2.ZQ5.10000040204

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.