

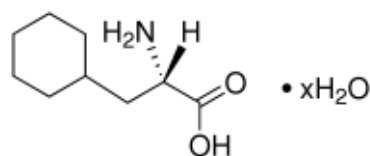
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Product Specification

Product Name:
(S)-(+)- α -Aminocyclohexanepropionic acid hydrate - technical grade

Product Number: 438057
CAS Number: 307310-72-1
MDL: MFCD03703498
Formula: C₉H₁₇NO₂ · xH₂O
Formula Weight: 171.24 g/mol



TEST

Specification

Appearance (Color)	White to Off-White
Appearance (Form)	Powder or Crystals
Infrared spectrum	Conforms to Structure
Carbon (anhydrous)	56.8 - 69.4 %
Nitrogen (anhydrous)	7.3 - 9.0 %
Optical Rotation c = 1.0; 1N NaOH	8.0 - 14.0 deg
Water (by Karl Fischer) Specification: Report Result	

Specification: PRD.1.ZQ5.10000032795

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.