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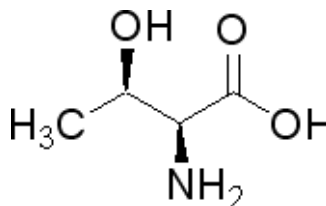
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Certificate of Analysis

Product Name:

L-Threonine - Vetec™ reagent grade

Product Number: V900466
Batch Number: 081M01921V
Brand: VETEC
CAS Number: 72-19-5
Formula: C₄H₉NO₃
Formula Weight: 119.12 g/mol
Quality Release Date: 23 OCT 2012



Test	Specification	Result
Appearance (Colour)	White to Off-White	White
Appearance (Form)	Powder	Powder
Solubility (Turbidity) c = 50 mg/ml; Water	Clear	Clear
Purity (TLC)	≥ 98 %	99 %
Infrared spectrum	Conforms to Structure	Conforms
Solubility (Colour)	Colorless	Colorless

Steven Chen, Manager
Quality Control
Wuxi, China CN

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.