

Certificate of Analysis

Product Name : N-Trityl-L-serine methyl ester 99%
Product Number : 411345-25G
Batch Number : 0000001443
Source Batch : BGBC1369V
CAS Number : 4465-44-5
Molecular Formula : C₂₃H₂₃NO₃
Formula Weight : 361.43
Quality Release Date : 29 Nov 2013

Test	Specification	Result
Appearance (Colour)	White to Off-White	White
Appearance (Form)	Powder or Crystals	Powder
Infrared Spectrum	Conforms to Structure	Conforms
Elemental Anal. (%C observed)	- %	76.89 %
Elemental Anal. (%N observed)	- %	3.65 %
Optical Rotation c = 1.0%; Methanol	28 - 36 deg	30 Degree
Purity (TLC)	≥ 99 %	> 99 %
Solubility (Turbidity) c = 25mg/ml (2.5%); Methanol	Clear	Clear
Solubility (Colour)	Colorless	Colorless



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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.