

Chem-Impex International, Inc.

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Certificate of Analysis

Catalog Number	10090
Product Name	Tos-Ala-OH
Lot Number	519828
Molecular Formula	C ₁₀ H ₁₃ NO ₄ S
Molecular Weight	243.28
Appearance	White powder
Solubility	Clear, colorless solution (50mg/ml in Methanol)
Optical Specific Rotation (α^{24}_D)	- 7.2 ° (3.1 % in EtOH abs.)
Melting Range	127 – 135 °C
CHN-Analysis	
Elemental Analysis (Theory)	C 49.37 %, H 5.39 %, N 5.76 %
Elemental Analysis (Found)	C 49.18 %, H 5.19 %, N 5.77 %
Assay (TLC)	Purity by TLC > 99 %
Benzene/Dioxane/Acetic acid 95/25/4 (v/v/v)	Detected by UV, Ninhydrin, chlorine-tolidine.
Chloroform/Methanol/Acetic acid 85/10/5 (v/v/v)	
CHCl₃/MeOH/Benzene/H₂O 8/8/8/1 (v/v/v/v)	
Plate: Silicagel 60 F₂₅₄	
Storage	Store at RT.
Remarks	See Material Safety Data Sheets for additional information. For Laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Sashi Kumar
Quality Control Manager

