

Chem-Impex International, Inc.

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Certificate of Analysis

Catalog Number	06601
Product Name	Z-Val-Trp-OH
Lot Number	502668
CAS Registry Number	18904-53-5
Molecular Formula	C ₂₄ H ₂₇ N ₃ O ₅
Molecular Weight	437.5
Appearance	White powder
Solubility	Clear, colorless solution (50mg/ml in MeOH)
Melting point	198 °C
Specific Optical Rotation	$\alpha_D^{24} = -6.5^\circ$ (1% in MeOH)
CHN-Analysis	
Elemental Analysis (Theory)	C 65.89% H 6.22% N 9.60%
Elemental Analysis (Found)	C 65.79% H 6.17% N 9.56%
Identification (TLC)	Complies with authentic material
Assay by TLC	> 99%
Benzene/dioxane/acetic acid 95/25/4	Detected by: UV, Ninhydrin, Chlorine-Tolidine, Ehrlich
Chloroform/ethylacetate/acetic acid 50/50/2	
Chloroform/methanol/acetic acid 85/10/5	
Plate: Silicagel 60 F₂₅₄	
Storage	Store at -0°C.
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