

Chem-Impex International, Inc.

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Certificate of Analysis

Catalog Number	04455
Product Name	H-D-Trp(Boc)-OH
Lot Number	0559184
Molecular Formula	C ₁₆ H ₂₀ N ₂ O ₄
Molecular Weight	304.4
Appearance	Light pale fine powder
Solubility	Clear, colorless solution (50mg/ml in 80% AcOH)
Optical Specific Rotation (α^{24}_D)	+ 6.08 °
Assay (TLC)	Purity by TLC > 98 %
Chloroform/Methanol/Acetic acid 32% 5/3/1 (v/v/v)	Detected by: UV, Ninhydrin, chlorine-tolidine.
Chloroform/Methanol/toluene/H₂O 8/8/8/1 (v/v/v/v)	
Ethyl acetate/Pyridine/Acetic acid /H₂O 60/30/9/16.5 (v/v/v/v)	
Plate: Silicagel 60 F₂₅₄	
Elemental Analysis	94.4 % (based on N-content)
Water Content	2.4 %
Acetic acid Content	0.8 %
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

