

Chem-Impex International, Inc.

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Certificate of Analysis

Catalog Number	10986
Product Name	Cinnamoyl-(<i>trans</i>)-Phe-OH
Lot Number	0114595
CAS Registry Number	4950-65-6
Molecular Formula	C ₁₈ H ₁₇ NO ₃
Molecular Weight	295.34
Optical Specific Rotation (α^{24}_{D})	- 25.7° (1% CH ₃ OH abs.)
Melting Point	160-162°C
CHN-Analysis	
Elemental Analysis (Theory)	C 73.20%, H 5.80%, N 4.74%
Elemental Analysis (Found)	C 72.64%, H 6.06%, N 4.79%
Assay (TLC)	Purity by TLC >99%
Chloroform/Methanol/Acetic acid/H₂O 90/10/0.5/1 (v/v/v/v)	Detected by UV, Ninhydrin, chlorine-tolidine.
Chloroform/Methanol/Acetic acid 77.5/15/7.5 (v/v/v)	
Ethyl acetate/Pyridine/Acetic acid /H₂O 60/20/6/11 (v/v/v/v)	
Plate Silicagel 60 F₂₅₄	
Storage	Store below 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

