

Chem-Impex International, Inc.

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Certificate of Analysis

Catalog Number	02246
Product Name	Z-Pyr-ONp
Lot Number	548192
CAS Registry Number	40356-52-3
Molecular Formula	C ₁₉ H ₁₆ N ₂ O ₇
Molecular Weight	384.34
Appearance	Plae yellowish powder
Solubility	Clear, yellowish solution (50mg/ml in Acetone)
Optical Specific Rotation (α^24_D)	-50.2 ° (1% THF)
Melting Point	143.5 °C
CHN-Analysis	
Elemental Analysis (Theory)	C 59.38%, H 4.20%, N 7.29%
Elemental Analysis (Found)	C 59.68%, H 4.45%, N 7.27%
Assay (TLC)	Purity by TLC >98%
Chloroform/Ethyl acetate 1/1 (v/v)	Detected by UV, Ninhydrin, chlorine-tolidine.
Benzene/Dioxane/Acetic acid 95/25/4 (v/v/v)	
Chloroform/Ethyl acetate/ Acetic acid 50/50/2 (v/v/v/v)	
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