



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalog Number	04-100
Product Name	Ac-Thr-OH Acetyl-L-threonine
Lot Number	511479
Molecular Formula	C ₆ H ₁₁ NO ₄
Molecular Weight	161.2
Appearance	White powder
Solubility	Clear, colorless solution (50mg/ml in Methanol)
Melting Point	126-128°C
Elemental Analysis (Found)	C 45.14%, H 7.00%, N 8.42%
Elemental Analysis (theory)	C 44.72%, H 6.88%, N 8.69%
Assay (TLC)	Purity by TLC.....>98%
Chloroform/Methanol/Benzene/ H ₂ O 8/8/8/1 (v/v/v/v) Chloroform/Methanol/Acetic acid 32% (v/v/v) 5/3/1 (V/v/v) Ethylacetate/Pyridine/Acetic acid /H ₂ O 60/10/9/16.5 (v/v/v/v)	detected by: UV, Ninhydrin, Chlorine-tolidine
Plate Silicagel 60 F ₂₅₄	
Storage	Store at 0-8°C