



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalog Number	04-100
Product Name	Ac-Thr-OH N-Acetyl-L-threonine
Lot Number	3262-070201-V
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	124-127°C (Crystals from Acetone)
Specific Rotation (α_D)	2.4° (c=1, H ₂ O)
Assay (TLC)	Purity by TLC.....>98.5%
Chloroform/Methanol/Acetic acid (v/v/v) 17/2/1	R _f = 0.26
Plate Silicagel 60 F₂₅₄	
HPLC	Vydac C ₁₈ Column , 0-50% B in 25 min, t _r = 4.0 min, λ = 214, flow rate 1ml/min, A= Water:Trifluoroacetic Acid 100:0.05 B= acetonitrile:water:trifluoroacetic acid 82:18:0.038
Storage	Store at 0-5°C.