



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalog Number	04-056
Product Name	Ac-Ile-OH
Lot Number	2615-052104-1
CAS Registry Number	3077-46-1
Molecular Formula	C ₈ H ₁₅ NO ₃
Molecular Weight	173.22
Appearance	White powder
Melting Point	150 – 152 °C
Specific Rotation [α] _D ²⁰	+ 13.3 ° (c=1.023 % in EtOH abs)
Purity (HPLC)	98 %
Storage	Store at RT.

HPLC Conditions

Column	Beckman Ultrasphere 5 μ m, 250x4.6 mm, 150 Å
Guard Column	Supel Guard LC-18-DB, 2 cm
Retention Time, min	8.883
Sample preparation	6 mg/1 mL 100% Acetonitrile/Water
Injection volume, μ L	5

Method /Detection at, nm

Gradient

Boc 10/210

10-60% B

A = 99.9% Water, 0.1% TFA

B = 95% Acetonitrile, 4.9% Water, 0.1% TFA

30 min, flow rate = 1.0 ml / min