



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

Catalog Number	04-1905
Product Name	H-D-Leu-OtBu•HCl
Lot Number	110703-1
CAS Registry Number	2748-02-9
Molecular Formula	C <sub>10</sub> H <sub>21</sub> NO <sub>2</sub> •HCl
Molecular Weight	223.7
Appearance	White powder
Melting Point	164 – 165 °C
Specific Rotation [ $\alpha$ ] <sub>D</sub> <sup>20</sup>	-19.03 ° (c=2.025% in EtOH)
Purity (HPLC)	99+ %
Storage	Store at -0°C

## HPLC Conditions

Column	Beckman Ultrasphere 5 $\mu$ m, 250x4.6 mm, 150 Å
Guard Column	Supel Guard LC-18-DB, 2 cm
Retention Time, min	16.0
Sample preparation	12 mg/1 mL 100% Methanol
Injection volume, $\mu$ l	5

Method /Detection at, nm

Gradient

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

Boc 10/ 210