



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

Catalog Number	04-2197
Product Name	<b>H-Nle-OMe•HCl</b> L-Norleucine methyl ester hydrochloride
Lot Number	103105-1
Molecular Formula	C <sub>7</sub> H <sub>15</sub> NO <sub>2</sub> •HCl
Molecular Weight	181.7
Melting Point	136-138 °C
Optical Rotation	$\alpha^20_D = +24.52^\circ$ (C=1.1% in MeOH)
Purity (HPLC)	99%
Storage	Store at 0-5°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	5.13
Sample preparation	2 mg/1 ml 50% Acetonitrile/Water
Injection volume, $\mu$ l	5
Method /Detection at, nm	<b>Gradient</b> 0-50% A(2) A = 99.9% Water, 0.1% TFA B = 95% Acetonitrile, 4.9% Water, 0.1% TFA 30 min, flow rate = 1.0 ml / min

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