



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

Catalog Number	04-2208
Product Name	H-Nva-OtBu·HCl
Lot Number	06779-112105-1
Molecular Formula	C <sub>9</sub> H <sub>19</sub> NO <sub>2</sub> ·HCl
Molecular Weight	209.64
Appearance	White powder
Melting Point	146-150 °C
Specific Rotation [ $\alpha$ ] <sub>D</sub> <sup>20</sup>	+17.51 (c=1.0, MeOH)
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	10.10
Sample preparation	2 mg/1 mL 100% Acetonitrile/Water
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

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