

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

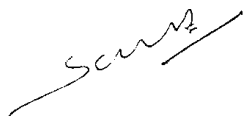
825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalog Number	06779
Product Name	H-Nva-OtBu•HCl
Lot Number	06779-012006-1
Molecular Formula	C ₉ H ₁₉ NO ₂ •HCl
Molecular Weight	209.64
Appearance	White powder
Melting Point	145-147 °C
Specific Optical Rotation	$\alpha_D^{20} = +19.19^\circ$ (c=1.0, MeOH)
Purity (HPLC)	98 %
Storage	Store at 0-8 °C.
Remarks	See Material Safety Data Sheets for additional information. For Laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Sashi Kumar
Quality Control Manager

HPLC Conditions

Column	Beckman Ultrasphere 5 μm , 250x4.6 mm, 150 \AA
Guard Column	Supel Guard LC-18-DB, 2 cm
Retention Time, min	16.11
Sample preparation	2 mg/1 ml 100% Acetonitrile/Water
Injection volume, μl	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 0-50/ 210