



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

| | |
|-------------------------------------|---|
| Catalog Number | 04-2208 |
| Product Name | H-Nva-OtBu·HCl |
| Lot Number | 112105-1 |
| Molecular Formula | C ₉ H ₁₉ NO ₂ ·HCl |
| Molecular Weight | 209.64 |
| Appearance | White powder |
| Melting Point | 146-150 °C |
| Specific Rotation $[\alpha]_D^{20}$ | +17.51 (c=1.0, MeOH) |
| Purity (HPLC) | 99 % |
| Storage | Store at -0°C |

HPLC Conditions

| | |
|--------------------------|---|
| Column | Beckman Ultrasphere 5 µm, 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, 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 |

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