# Analytical Data Sheet

**Lot number**

## 1048037

not for drug use

| | |
|---|---|
| **Catalog Number** | **A-2155.0005** |
| **Product number** | **4005022.0005** |
| **Product** | **Boc- Nva- OH** |
| **Molecular formula** | $C_{10}H_{19}NO_4$ |
| **Relative molecular mass** | 217.27 |

| Tests | Results |
|---|---|
| **Appearance** | white powder |
| **Appearance of solution** | clear, colorless solution (50 mg/ml in MeOH) |
| **Identification (elemental analysis)** | Theory / Found<br>C = 55.3 % / C = 54.9 %<br>H = 8.8 % / H = 8.7 %<br>N = 6.5 % / N = 6.4 % |
| **Identification (TLC)** | complies with authentic material |
| **Melting point** | 53 °C |
| **Purity (TLC)** | > 99% |
| **TLC conditions** | toluene/dioxane/acetic acid 95/25/4<br>chloroform/methanol/acetic acid 90/8/2<br>chloroform/methanol/toluene/$H_2O$ 8/8/8/1<br>plate: silicagel 60 $F_{254}$<br>detected by: UV, ninhydrin, chlorine-tolidine |
| **Assay (elemental analysis)** | 99.2% (Cth 55.28 %, Cfd 54.89 %) |

Latest update: May 02, 2013