

# Analytical Data Sheet

Lot number

## 1024840

not for drug use

Catalog Number	F-1935.0025
Product number	4009542.0025
Product	H- DL- Nie- OMe · HCl
Molecular formula	C <sub>7</sub> H <sub>15</sub> NO <sub>2</sub> · HCl
Relative molecular mass	181.66

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 45.8 %</td> <td>C = 45.9 %</td> </tr> <tr> <td>H = 8.9 %</td> <td>H = 9.0 %</td> </tr> <tr> <td>N = 7.6 %</td> <td>N = 7.7 %</td> </tr> </table> <p>calc. x 1 HCl (19.87 %, Cl<sup>-</sup> 19.32 %) x 0.1 H<sub>2</sub>O (0.98 %)</p>	Theory	Found	C = 45.8 %	C = 45.9 %	H = 8.9 %	H = 9.0 %	N = 7.6 %	N = 7.7 %
Theory	Found								
C = 45.8 %	C = 45.9 %								
H = 8.9 %	H = 9.0 %								
N = 7.6 %	N = 7.7 %								
Identification (TLC)	complies with authentic material								
Melting point	125 °C								
Purity (TLC)	> 99%								
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/30/9/16.5 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine								
Water content (KF volumetric)	0.8%								
Chloride content (titration)	19.5% (AgNO <sub>3</sub> )								
Latest update: June 22, 2009									