

# Analytical Data Sheet

Lot number

**0569012**

not for drug use

<b>Catalog Number</b>	E-1440.0025
<b>Product number</b>	4003614.0025
<b>Product</b>	H- Asp(OMe) – OMe · HCl
<b>Molecular formula</b>	C <sub>6</sub> H <sub>11</sub> NO <sub>4</sub> · HCl
<b>Relative molecular mass</b>	197.62

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in MeOH)
<b>Identification (TLC)</b>	complies with authentic material
<b>Melting point</b>	117 °C
<b>Specific optical rotation</b>	[α] <sub>D</sub> <sup>24</sup> = + 14.8 ° (1 % in MeOH)
<b>Purity (TLC)</b>	> 98%
<b>TLC conditions</b>	ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/30/9/16.5 n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
<b>Assay (elemental analysis)</b>	97.1 % (Cth 36.47 %, Cfd 35.42 %)
<b>Water content (KF coulometric)</b>	2.5%
<b>Chloride content (titration)</b>	18.4%
Latest update: October 25, 2008	