

# Analytical Data Sheet

Lot number

**1017938**

not for drug use

<b>Catalog Number</b>	E-2745.1000
<b>Product number</b>	4011483.1000
<b>Product</b>	N- Me- Asp- OH
<b>Molecular formula</b>	C <sub>5</sub> H <sub>9</sub> NO <sub>4</sub>
<b>Relative molecular mass</b>	147.13

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in AcOH 80 %)
<b>Identification (TLC)</b>	complies with authentic material
<b>Melting point</b>	200 °C
<b>Specific optical rotation</b>	$[\alpha]_D^{24} = + 15.4^\circ$ (2 % in H <sub>2</sub> O)
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Water content (KF volumetric)</b>	1.7%
Latest update: October 24, 2008	

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