

**Analytical Data Sheet**

**Lot number** **1000054850**  
not for drug use

**Product** N-Me-D-Asp-OH

**Product number** **4011485.1000**

**Molecular formula** C<sub>5</sub>H<sub>9</sub>NO<sub>4</sub>

**Relative molecular mass** 147.13

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/mL in water)
<b>Identification (elemental analysis)</b>	C-Value 36.40% H-Value 6.54% N-Value 8.44% calc as. 0.9 H <sub>2</sub> O (9.93%)
<b>Identification (TLC)</b>	complies with authentic material
<b>Melting point</b>	188° C
<b>Specific optical rotation</b>	[α] <sub>D</sub> <sup>24</sup> = - 14.9° (2% in water)
<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 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Water content (KF volumetric)</b>	10.1%

Latest update: August 26, 2021

**Analytical Data Sheet**  
Lot number **1000054850**