

## Analytical Data Sheet

**Lot number** **1000033916**  
not for drug use

**Product** N-Me-D-Phe-OH

**Product number** **4009534.0001**

**Molecular formula** C<sub>10</sub>H<sub>13</sub>NO<sub>2</sub>

**Relative molecular mass** 179.22

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (10 mg/ml in AcOH 80%)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = -26.3^\circ$ (1% in 6N HCl)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 n-butanol/acetic acid/H <sub>2</sub> O 4/1/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Enantiomer content (GC)	< 1.0% L-Enantiomer

Latest update: June 23, 2020

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