

## Analytical Data Sheet

Lot number **1071302**  
not for drug use

Catalog number **E-2170.0001**  
Product number **4002105.0001**  
Product **N- Me- Phe- OMe · HCl**  
Molecular formula **C<sub>11</sub>H<sub>15</sub>NO<sub>2</sub> · HCl**  
Relative molecular mass **229.71**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = +38.2^\circ$ (1 % in methanol)
Purity (TLC)	> 98%
TLC conditions	ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/20/6/11 n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 chloroform/methanol/acetic acid(98-100%)/H <sub>2</sub> O 45/13/1/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	83.6% (Nth 7.25 %, Nfd 6.06 %)
Water content (KF volumetric)	0.9%
Chloride content (titration)	15.4% (AgNO <sub>3</sub> )

Latest update: April 21, 2017

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