

## Analytical Data Sheet

Lot number **1065858**  
not for drug use

Catalog number **F-1535.0005**  
Product number **4000519.0005**  
Product **H- p- Fluoro- DL- Phe- OH**  
Molecular formula **C<sub>9</sub>H<sub>10</sub>FNO<sub>2</sub>**  
Relative molecular mass **183.18**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (25 mg/mL in 80% acetic acid)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = -0.05^\circ$ (2 % in 1N HCl)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid/H <sub>2</sub> O 70/42/0.5/10 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Other amino acids (GC)	< 0.1%
Assay (titration)	98.8% (TBAH)
Water content (KF volumetric)	0.1%

Latest update: May 17, 2016

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