

## Analytical Data Sheet

Lot number **1062618**  
not for drug use

Catalog number **F-1225.0025**  
Product number **4001637.0025**  
Product **H- p- Amino- Phe- OH · HCl**  
Molecular formula **C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub> · HCl**  
Relative molecular mass **216.67**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (20 mg/mL in acetic acid 80%)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_{365}^{24} = +20.6^{\circ}$ (1% in 1M HCl)
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/60/12/36 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	95.5% (Nth 12.93%, Nfd 12.35%)
Water content (KF volumetric)	4.2%
Chloride content (titration)	15.8%

Latest update: November 16, 2015

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