

Analytical Data Sheet

Lot number **1000026448**
not for drug use

Catalog number **F-1450.0025**
Product number **4002988.0025**
Product **H- p- Chloro- DL- Phe- OH**
Molecular formula **C₉H₁₀ClNO₂**
Relative molecular mass **199.64**

Tests	Results
Appearance	White powder
Appearance of solution	clear, colorless solution (50 mg/ml in AcOH 80 %)
Identification (elemental analysis)	Theory Found C = 54.15 % C = 53.98 % H = 5.05 % H = 5.01 % N = 7.02 % N = 7.01 %
Purity (TLC)	> 99%
TLC conditions	n-Butanol/acetic acid/H ₂ O 4/2/2 Chloroform/methanol/acetic acid 32% 5/3/1 Ethylacetate/pyridine/acetic acid/H ₂ O 60/30/9/16.5 Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine, Pauly
Assay (elemental analysis)	99.0% (Nth 7.02 %, Nfd 7.01 %)

Latest update: December 20, 2019

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