

Analytical Data Sheet

Lot number	1000050207 not for drug use
Product	H-p-Chloro-DL-Phe-OH
Product number	4002988.0100
Molecular formula	C ₉ H ₁₀ ClNO ₂
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)	C-Value 53.98% H-Value 5.01% N-Value 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%)