

Analytical Data Sheet

Lot number

1065895

not for drug use

Catalog number	H-4540.0100
Product number	4005937.0100
Product	H- Phe- Gly- His- p- nitro- Phe- Phe- Ala- Phe- OMe
Molecular formula	C ₄₈ H ₅₄ N ₁₀ O ₁₀
Relative molecular mass	931.02

Tests	Results								
Appearance	yellowish powder								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 51.49 %</td><td>C = 51.59 %</td></tr><tr><td>H = 5.15 %</td><td>H = 4.84 %</td></tr><tr><td>N = 11.55 %</td><td>N = 11.42 %</td></tr></tbody></table>	Theory	Found	C = 51.49 %	C = 51.59 %	H = 5.15 %	H = 4.84 %	N = 11.55 %	N = 11.42 %
Theory	Found								
C = 51.49 %	C = 51.59 %								
H = 5.15 %	H = 4.84 %								
N = 11.55 %	N = 11.42 %								
Solubility	10 mg/ml in acetic acid 30 %								
Purity (HPLC)	98.5% (TFA)								
TLC conditions	ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid 32% 15/4/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Water content (KF volumetric)	4.0%								
Peptide content	76%								

Latest update: May 26, 2016

Analytical Data Sheet
Lot number **1065895**