

Analytical Data Sheet

Lot number **1000028190**
not for drug use

Catalog number **L-1460.0050**
Product number **4010747.0050**
Product **Pyr- Phe- Leu- pNA**
Molecular formula $C_{26}H_{31}N_5O_6$
Relative molecular mass 509.56

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (25 mg/ml in methanol)
Identification (TLC)	complies with authentic material
Purity (HPLC)	99.4% (TFA) 99.8% (TEAP)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 32% 15/4/1 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	97.9% (Nth 13.74%, Ntd 13.45%)
Water content (KF volumetric)	1.0%

Latest update: February 06, 2020

Analytical Data Sheet
Lot number **1000028190**