

## Analytical Data Sheet

Lot number **1000014229**  
not for drug use

Catalog number **L-1460.0250**  
Product number **4010747.0250**  
Product **Pyr- Phe- Leu- pNA**  
Molecular formula **C<sub>26</sub>H<sub>31</sub>N<sub>5</sub>O<sub>6</sub>**  
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 <sub>254</sub> detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	97.9% (Nth 13.74%, Ntd 13.45%)
Water content (KF volumetric)	1.0%

Latest update: March 28, 2019

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