

Analytical Data Sheet

Lot number

1051186

not for drug use

Catalog Number	L-1310.0250
Product number	4003641.0250
Product	H- D- Leu- pNA
Molecular formula	C ₁₂ H ₁₇ N ₃ O ₃
Relative molecular mass	251.29

Tests	Results
Appearance	slightly yellow powder
Appearance of solution	clear, very slightly yellow solution (50 mg/mL in 80% acetic acid)
Identification (TLC)	complies with authentic material
Purity (HPLC)	99.1% (TEAP)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	100.0% (Nth 16.72%, Nfd 16.72%)

Latest update: December 05, 2013

Analytical Data Sheet
Lot number **1051186**