

Analytical Data Sheet

Lot number **1067820**
not for drug use

Catalog number **L-1255.0250**
Product number **4001884.0250**
Product **(H- Cys- pNA)₂**
(Disulfide bond)
Molecular formula **C₁₈H₂₀N₆O₆S₂**
Relative molecular mass **480.53**

Tests	Results
Appearance	light yellowish powder
Appearance of solution	clear, yellowish solution (25 mg/mL in methanol 80 %)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 95%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H ₂ O 4/2/2 ethylacetate/pyridine/acetic acid/H ₂ O 60/30/9/16.5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	69.3% (Nth 17.49 %, Nfd 12.12 %)
Residual organic solvents (GC)	5.4% isopropanol 0.1% methanol
Bromide content (titration)	23.8% (AgNO ₃)

Latest update: September 13, 2016

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