

Analytical Data Sheet

Lot number **1072230**
not for drug use

Catalog number **H-7792.0500**
Product number **4097932.0500**
Product **(Lys(Me)₃)⁹ - Histone H3 (1- 21) - Gly- Gly- Lys(biotinyl) amide trifluoroacetate salt**
H- Ala- Arg- Thr- Lys- Gln- Thr- Ala- Arg- Lys(Me)₃- Ser- Thr- Gly- Gly- Lys- Ala- Pro- Arg- Lys- Gln- Leu- Ala- Gly- Gly- Lys(biotinyl) - NH₂ trifluoroacetate salt
Molecular formula **C₁₁₇H₂₁₂N₄₃O₃₂S**
Relative molecular mass **2765.31**

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	2764.54
Amino acid analysis	Thr 2.80 (3) Ala 3.97 (4) Ser 0.90 (1) Leu 0.98 (1) Glx 1.93 (2) Lys 4.00 (4) Pro 1.05 (1) Arg 2.95 (3) Gly 4.12 (4) LysM* Det (1) *LysM detected as Lys(Me) ₃
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	97.1%
Assay (AAA)	69.8%

Latest update: July 07, 2017

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