

Analytical Data Sheet

Lot number **1072227**
not for drug use

Catalog number H-7788.0500
Product number 4097931.0500
Product (Lys(Me)₃)⁴ - Histone H3 (1- 21) - Gly- Gly- Lys(biotinyl) amide trifluoroacetate salt
 H- Ala- Arg- Thr- Lys(Me)₃- Gln- Thr- Ala- Arg- Lys- 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)	2764.58
Amino acid analysis	Thr 2.74 (3) Ala 4.15 (4) Ser 0.95 (1) Leu 1.01 (1) Glx 1.91 (2) Lys 3.80 (4) Pro 1.16 (1) Arg 2.85 (3) Gly 4.11 (4) LysM* Det (1) *LysM detected as Lys(Me) ₃
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	98.1%
Assay (AAA)	67.5%

Latest update: July 07, 2017

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