

Analytical Data Sheet

Lot number **1070802**
not for drug use

Catalog number H-8162.0500
Product number 4099861.0500
Product (Lys(Me)₂)⁹ - Histone H3 (1- 21) - Gly- Gly- Lys(biotinyl) trifluoroacetate salt
H- Ala- Arg- Thr- Lys- Gln- Thr- Ala- Arg- Lys(Me)₂- Ser- Thr- Gly- Gly- Lys- Ala- Pro- Arg- Lys- Gln- Leu- Ala- Gly- Gly- Lys(biotinyl) - OH trifluoroacetate salt
Molecular formula C₁₁₆H₂₀₈N₄₂O₃₃S
Relative molecular mass 2751.26

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	2751.52
Amino acid analysis	Thr 2.97 (3) Ala 4.02 (4) Ser 0.98 (1) Leu 1.03 (1) Glx 1.96 (2) Lys 4.99 (5) Pro 0.91 (1) Arg 3.05 (3) Gly 4.04 (4)
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	98.5%
Assay (AAA)	73.3%

Latest update: March 16, 2017

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