

## Analytical Data Sheet

Lot number **1070798**  
not for drug use

Catalog number **H-8156.1000**  
Product number **4099858.1000**  
Product **(Lys(Me)<sub>2</sub><sup>27</sup>) - Histone H3 (21- 44) - Gly- Lys(biotinyl) trifluoroacetate salt**  
H- Ala- Thr- Lys- Ala- Ala- Arg- Lys(Me)<sub>2</sub>- Ser- Ala- Pro- Ala- Thr- Gly- Gly- Val- Lys- Lys- Pro- His- Arg- Tyr- Arg- Pro- Gly- Gly- Lys(biotinyl) - OH trifluoroacetate salt

Molecular formula **C<sub>129</sub>H<sub>218</sub>N<sub>44</sub>O<sub>33</sub>S**

Relative molecular mass **2945.49**

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	2945.91
Amino acid analysis	Thr 1.98(2) Val 0.94(1) Ser 0.99(1) Tyr 0.98(1) Pro 2.80(3) His 1.02(1) Gly 4.07(4) Lys 5.05(5) Ala 5.09(5) Arg 3.05(3)
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	97.2%
Assay (AAA)	72.4%

Latest update: March 21, 2017

Analytical Data Sheet  
Lot number **1070798**