

## Analytical Data Sheet

Lot number **1067294**  
not for drug use

Catalog number **H-8158.1000**  
Product number **4054912.1000**  
Product **(Lys(Me)<sub>2</sub><sup>4</sup>) - Histone H3 (1- 21) trifluoroacetate salt**  
H- Ala- Arg- Thr- Lys(Me)<sub>2</sub>- Gln- Thr- Ala- Arg- Lys-  
Ser- Thr- Gly- Gly- Lys- Ala- Pro- Arg- Lys- Gln- Leu-  
Ala- OH trifluoroacetate salt  
Molecular formula **C<sub>96</sub>H<sub>176</sub>N<sub>36</sub>O<sub>28</sub>**  
Relative molecular mass **2282.68**

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	2282.85
Amino acid analysis	Thr 2.84(3) Ala 4.01(4) Ser 0.92(1) Leu 1.08(1) Glx 2.06(2) Lys 3.76(4) Pro 1.03(1) Arg 2.99(3) Gly 2.06(2)
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	99.2%
Assay (AAA)	67.1%
Date of manufacture	June 17, 2016

Latest update: August 18, 2016

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