

Analytical Data Sheet

Lot number **1067293**
not for drug use

Catalog number H-8158.0500
Product number 4054912.0500
Product (Lys(Me)₂)⁴ - Histone H3 (1- 21) trifluoroacetate salt
H- Ala- Arg- Thr- Lys(Me)₂- Gln- Thr- Ala- Arg- Lys-
Ser- Thr- Gly- Gly- Lys- Ala- Pro- Arg- Lys- Gln- Leu-
Ala- OH trifluoroacetate salt
Molecular formula C₉₆H₁₇₆N₃₆O₂₈
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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