

Analytical Data Sheet

Lot number **1070803**
not for drug use

Catalog number H-8162.1000
Product number 4099861.1000
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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