

## CERTIFICATE OF ANALYSIS

**Product Name:** AF12198

**Chemical Structure:**

**Lot Number:** AG00A1100914

**CAT Number:** APL-CCPA-00185413

**CAS Registry Number:** 185413-30-3

**Expiry Date:** 28/06/2021

**Molecular Formula:** C<sub>96</sub>H<sub>123</sub>N<sub>19</sub>O<sub>22</sub>

**Molecular Weight:** 1895.1179

**Storage:** 2-8°C  
(In an air tight container, protected from light)

## Analysis Data

| Item           | Specification                        | Results  |
|----------------|--------------------------------------|----------|
| Appearance     | White powder                         | Complies |
| Solubility     | Soluble in 10 % ACN/H <sub>2</sub> O | Complies |
| Purity by HPLC | NLT 98.0 %                           | 99.1 %   |
| Counter Ion    | free                                 | Complies |
| Mass spectrum  | 1895.1 ± 1.0                         | 1895.1   |

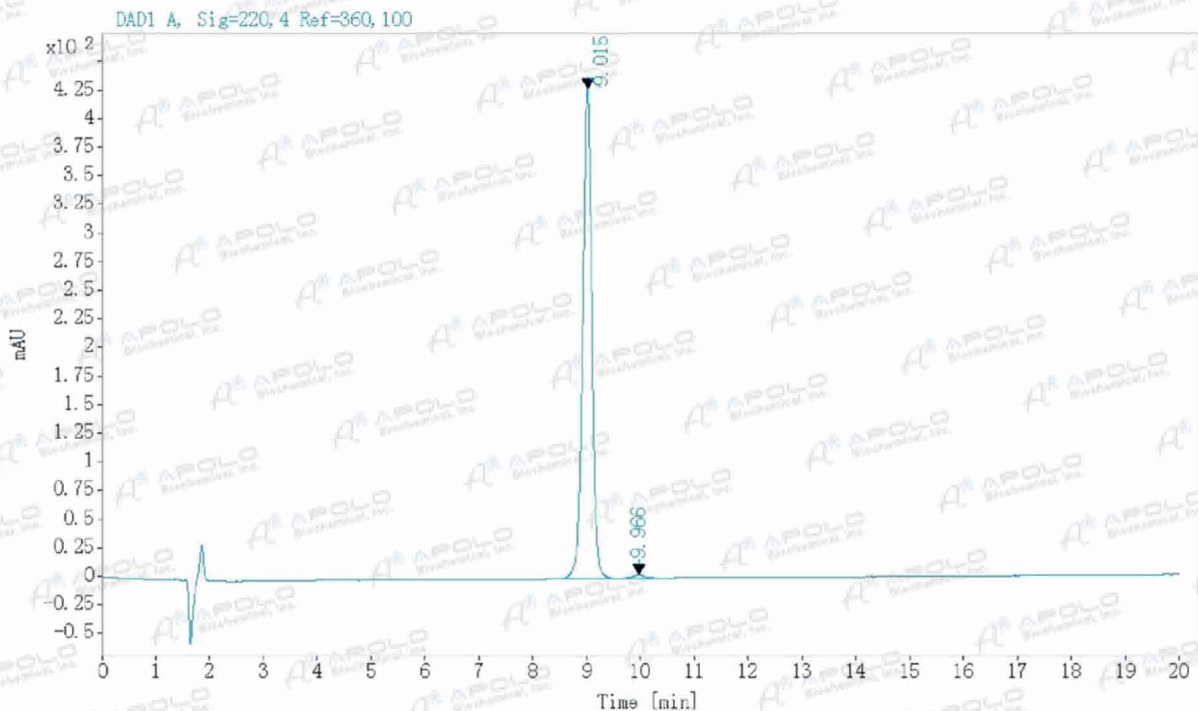
The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Jennifer LaBrecque 05/07/2021**  
Quality Assurance Manager

**Conclusion:** The above product meets the specifications of APOLO

Data file: D:\CHEM32\1\DATA\210628\603427 21060020Final.D  
Sample name: 603427 21060020Final  
Description: Mobile phase: Buffer A: 0.1%TFA in H<sub>2</sub>O  
Buffer B: 0.1%TFA in ACN  
Gradient: 35-45% B in 20min, Flow rate: 1.0ml/min 50c,  
Flow rate: 1.0ml/min  
Instrument: Column: Unitary C18, 4.6\*150mm, 5um 100A  
Injection date: Instrument: Agilent HPLC 1100  
Last changed: 1100 Location: 41  
2021/6/28 9:25:24 Injection: 1 of 1  
2021/6/28 10:09:45 Injection volume: 10.000  
Acq. operator: SYSTEM



Signal: DAD1 A, Sig=220, 4 Ref=360, 100

| RT[min] | Type | Width[min] | Area      | Height   | Area%   | Name |
|---------|------|------------|-----------|----------|---------|------|
| 9.015   | BB   | 0.1884     | 5106.9556 | 424.4154 | 99.1397 |      |
| 9.966   | BBA  | 0.2313     | 44.3157   | 2.9487   | 0.8603  |      |
| Sum     |      |            | 5151.2713 |          |         |      |

