

CERTIFICATE OF ANALYSIS

Product information

Order ID: 100250-2
Lot No.: P140623-XL404248
Sequence: XXXXXXXXXXXXXXXXXXXXXXXX
Modification: 5'-TAMRA, 3'-NH2
Length: 19AA
Quantity: Specified on product label
Storage: -20 °C
Recommended Solvent* Ultrapure Water
Comments: Acetate Salt

Quality Control	Specifications	Results
Molecular Weight	Theoretical MW 2624.12	Consistent
HPLC Purity	≥ 90.00%	95.67%
Appearance	White lyophilized powder	Consistent
Quantity	4 mg	4.6 mg

*Note: Above recommended solvents for reference only.

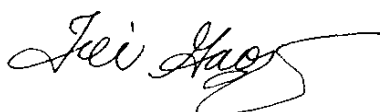
Caution:

Products are for research use only. Not intended for human or animal diagnostic or therapeutic use. Questions concerning this Certificate of Analysis should be directed to Customer Service at +1-844-WATSONBio (928-7662).

Certified by:

Philip Gao
Production Supervisor

Signature



Date: **July 1, 2014**

HPLC Report

Structure: GC-19

Sequence: 5-TAMRA-XXXXXXXXXXXXXXXXXXXX-NH2

Order ID: 100250-2

Lot No: P140623-XL404248

Column: 4.6×250 mm, Kromasil 100-5C18

Solvent A: 0.1% trifluoroacetic in 100% acetonitrile

Solvent B: 0.1% trifluoroacetic in 100% water

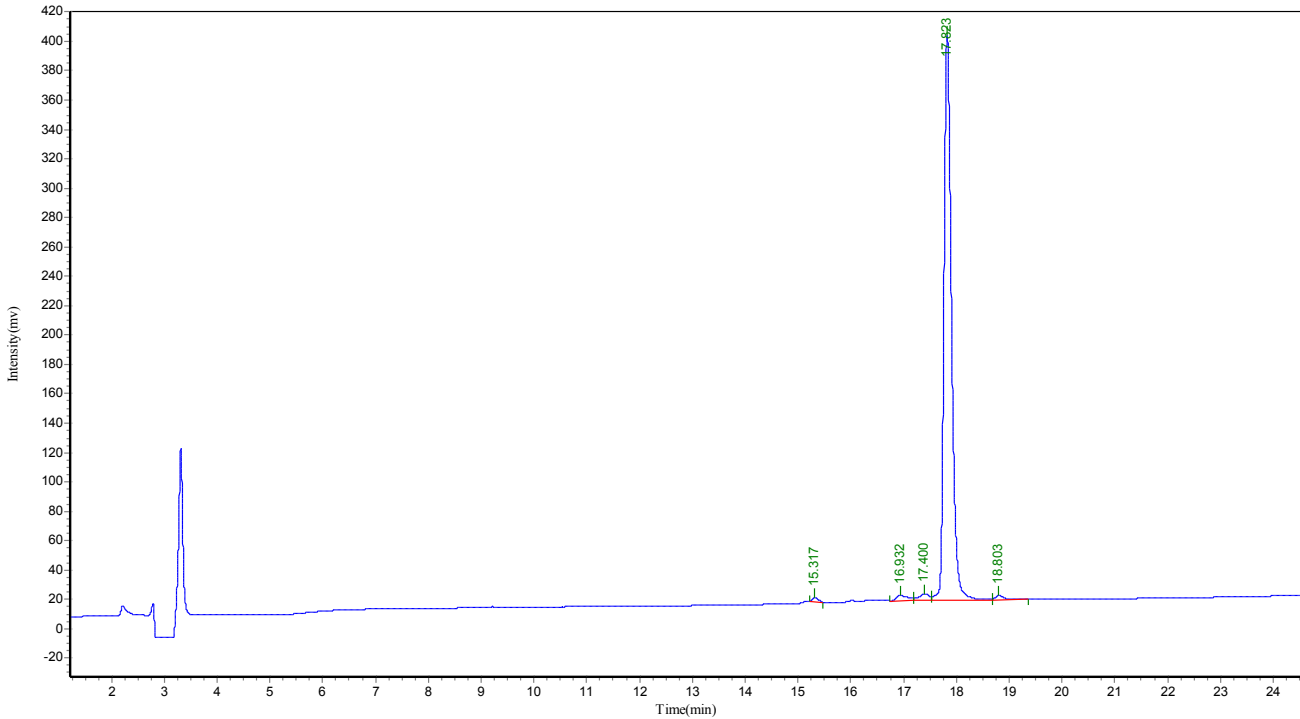
Gradient:

	A	B
0.01 min	15%	85%
25 min	40%	60%
25.1 min	100%	0%
30 min	STOP	

Flow rate: 1.0 mL/min

Wavelength: 220 nm

Volume: 5 ul



Peak No.	Ret Time	Height	Area	Conc.
1	15.317	3075.140	24088.906	0.6049
2	16.932	4000.211	54489.066	1.3683
3	17.400	4640.695	63135.652	1.5855
4	17.823	384511.375	3809620.750	95.6681
5	18.803	2667.489	30789.082	0.7732
Total				100.0000

Mass Spectrum Report

Order ID: 100250-2
Sequence: 5-TAMRA-XXXXXXXXXXXXXXXXXXXX-NH2

27-Jun-2014
14:10:36
P140623-XL404248 MW:2624.12
140627-GC-19 1604 (29.647)

Probe: ESI
Cone: 50v
Desovation Temp: 350
Capillary: 3.00KV
Extractor: 5v
Gas Flow: 350
Scan ES+
3.10e7

