

Certificate of Analysis

Product Name: MOG(35-55)

Sequence: MEVGWYRSPFSRVVHLYRNGK

Sequence(Three Letters Code): Met-Glu-Val-Gly-Trp-Tyr-Arg-Ser
-Pro-Phe-Ser-Arg-Val-Val-His-Leu-Tyr-Arg-Asn-Gly-Lys

Molecular Weight: 2582.01

HPLC Analysis: Peptide Purity:99.47%

(See attached RP-HPLC chromatogram)

MS Analysis: ESI_MS

(See attached MS spectrum)

Solubility: 1mg/ml in 20%ACN/80%H₂O

(Please choose proper dissolution conditions according to your assay)

Appearance: lyophilized powder

Counter Ion: Trifluoroacetate

Remarks:

For research purpose only.

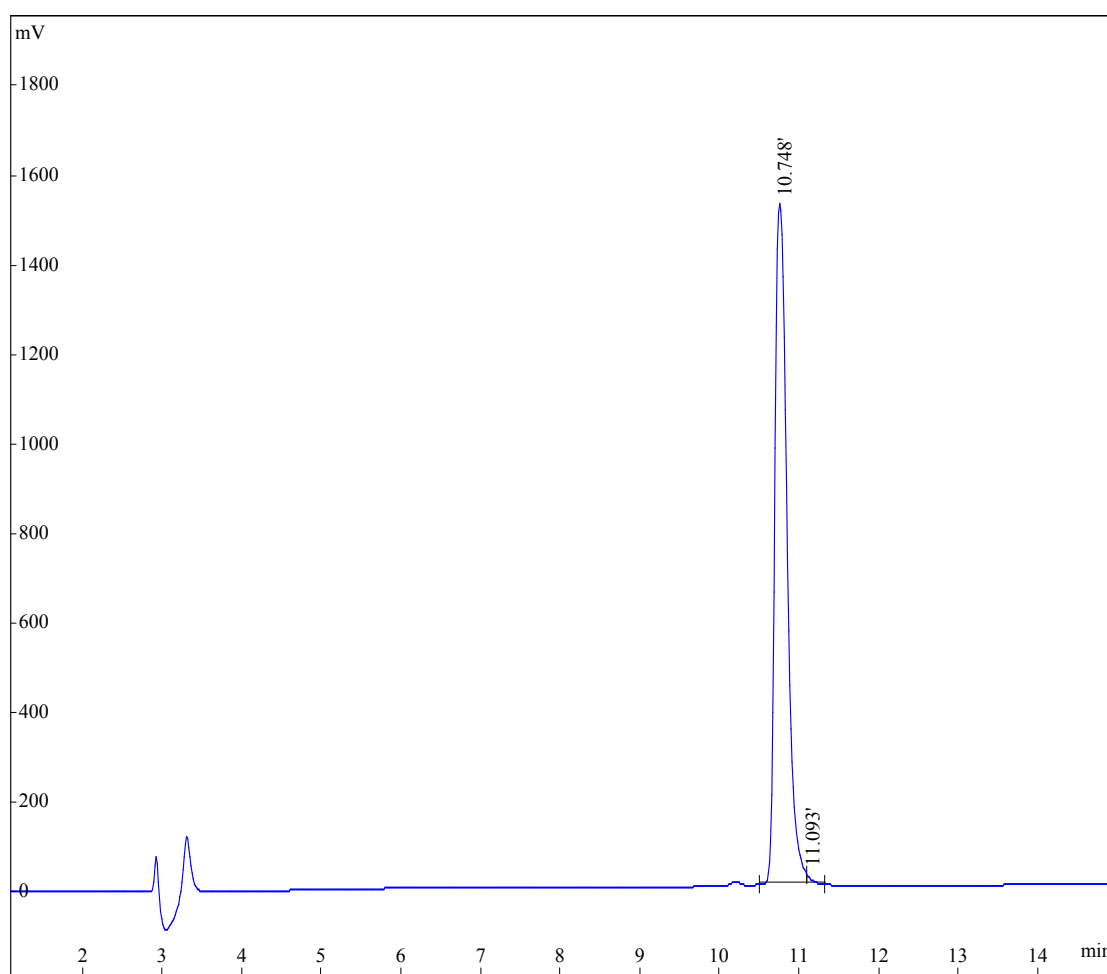
Important: Storage conditions:-20°C, seal, avoid light, dry.

Quality Assurance By: _____

Date: 07-12-2017

HPLC Analysis Report

Measurement: Peak Area Run Time: 15min
Calculation Type: Percent Wavelength: 220nm
Flow Rate: 1ml/min Inj.Vol: 10uL
Buffer A: 0.1% TFA in water Buffer B: 0.1%TFA in Acetonitrile
Column: Kromasil 100-5C18,4.6mmX250mm,5 micron Column Temp: 35°C
Gradient(linear): 20%-47% buffer B in 15min



Rank	Time	Name	Conc.	Area
1	10.748		99.47	16159920
2	11.093		0.5317	86379
Total			100	16246299

MS Analysis Report

Expected MS: 2582.01

Ion Source: ESI

NEB:10.00 CUR:12.00

Flow Rate : 0.2ml/min

Mass Spectrometer: API 150EX

B.conc: 80%ACN/20%H₂O

IS:+4500 TEM:0.00

Run Time: 1min

