

Certificate of Analysis

Sample Id: β -Amyloid (1-42)

Sequence: DAEFRHDSGYEVVHHQKLVFFAEDVGSNKGAIIGLMVGGVVIA

Molecular Weight: 4514.14

HPLC Analysis: Peptide Purity>95%
(see attached RP-HPLC chromatogram)

MS Analysis: ESI_MS
(see attached MS spectrum)

Appearance: White lyophilized powder

Remarks:

For research purpose only.

Important: store at Freezer(-20°C) immediately upon arrival.

Quality Assurance By: Wangyanyang

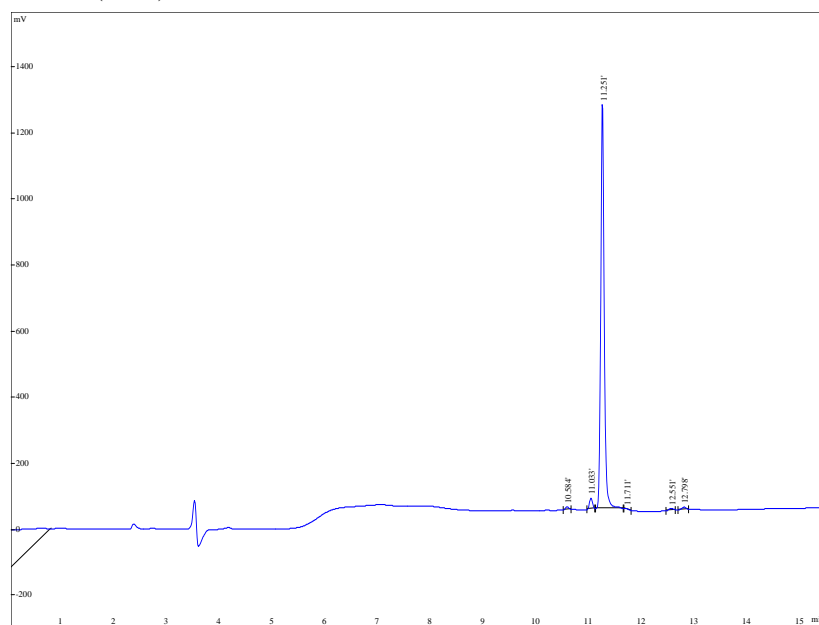
Date: 08-16-2009

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HPLC Analysis Report

Sample ID: β -Amyloid (1-42)
 Sequence: DAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMVGGVVIA
 Peak Measurement: Peak Area Run Time: 16min
 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 100-5 4.6mmX250mm, 5 micron
 Gradient(linear): 10%-50% buffer B in 16min



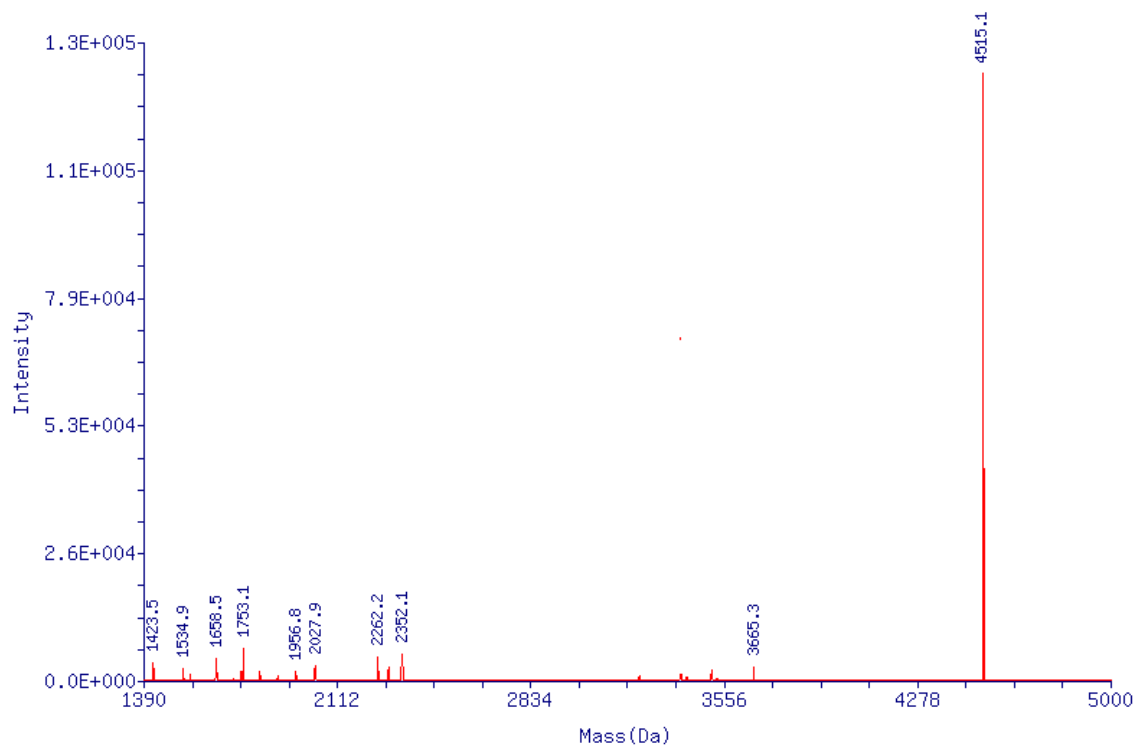
Rank	Time	Name	Conc.	Area
1	10.584		0.6484	38085
2	11.033		2.127	124950
3	11.251		95.7	5621570
4	11.711		0.1861	10930
5	12.551		0.6234	36621
6	12.798		0.7083	41605
Total			100	5873761

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MS Analysis Report

Sample ID: β -Amyloid (1-42)
Expected MS: 4514.14
Flow rate : 0.2ml/min Run Time: 1min
Buffer A : 0.1% HCOOH in water Buffer B: 0.1% HCOOH in Acetonitrile



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