

## Analytical Data Sheet

Lot number

**9045504**  
not for drug use

Catalog number

H-7686

Product number

4074277

Product

**(Des-Glu<sup>22</sup>)-Amyloid  $\beta$ -Protein (1-42) trifluoroacetate salt**  
H-Asp-Ala-Glu-Phe-Arg-His-Asp-Ser-Gly-Tyr-Glu-Val-His-His-Gln-Lys-Leu-Val-Phe-Phe-Ala-Asp-Val-Gly-Ser-Asn-Lys-Gly-Ala-Ile-Ile-Gly-Leu-Met-Val-Gly-Gly-Val-Val-Ile-Ala-OH

Molecular formula

C<sub>198</sub>H<sub>304</sub>N<sub>54</sub>O<sub>57</sub>S

Relative molecular mass

4384.99

### Tests

### Results

Appearance

White lyophilized powder

Peptide content

77.1%

Purity (HPLC)

95.1%

Solubility

1 mg/ml in 0.05M Tris buffer

Identification (ESI-MS)

4384.32

Amino acid analysis

Asx	4.3	(4)
Ser	1.8	(2)
Glx	3.1	(3)
Gly	6.2	(6)
Val	4.5	(6) <sup>*1</sup>
Met	0.9	(1)
Ile	1.7	(3) <sup>*1</sup>
Leu	2.0	(2)
Phe	2.9	(3)
His	2.8	(3)
Lys	2.1	(2)
Arg	0.9	(1)
Tyr	0.8	(1)
Ala	4.1	(4)

<sup>\*1</sup> Ile-Ile and Val-Ile bonds were only partially hydrolyzed in the sample during hydrolysis.