

Certificate of Analysis

Product Name	Amyloid β -Peptide (1-42) human
Catalog No.	V33979
Batch No.	V3397901

1. Physical and Chemical Properties

Appearance	
Molecular Formula	C203H311N55O60S
Molecular Weight	4514.0389854908
Purity	=99.66%
CAS No.	107761-42-2
Production Date	2024-04-02

2. Analytical Data

Test Item	Specification	Result
HPLC	$\geq 98\%$	=99.66%
NMR	Consistent with structure	Confirms
Mass Spectrum	Consistent with structure	Confirms

3. Structure

Asp-Ala-Glu-Phe-Arg-His-Asp-Ser-Gly-Tyr-
 Glu-Val-His-His-Gln-Lys-Leu-Val-Phe-Phe-
 Ala-Glu-Asp-Val-Gly-Ser-Asn-Lys-Gly-Ala-
 Ile-Ile-Gly-Leu-Met-Val-Gly-Gly-Val-Val-
 Ile-Ala

4. Storage Condition

Storage Condition	Powder -20°C 3 years 4°C 2 years
	In solvent -80°C 6 months -20°C 1 month
Note: (1). This product is not stable in solution, please use freshly prepared working solution for optimal results. (2). Please store this product in a sealed and protected environment, avoid exposure to moisture.	

Products are for research use only • Not for human or veterinary use