

Certificate of Analysis



Product Identification

Catalog number	HB9805
Compound name	Amyloid beta (1-42) (human)
Amino acid sequence	DAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLM VGGVIVIA H-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-OH
Modifications	N/A
Batch number	E2062-1-1
Batch molecular formula	C ₂₂₉ H ₃₁₁ N ₅₅ O ₅ S
Batch molecular weight	4514.08
Salt form	Ammonium Salt

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 95.0%
Peptide content	Peptide content between 60 % and 100 %	Meets specification: 82%
Mass spectrum	Mass spec analysis consistent with structure	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in 1% NH ₄ OH/water (1 mg/ml)	Meets specification

Produced by

Signature

Passed by

Signature

Date

09/08/2022

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.