

Certificate of Analysis



Product Identification		
Catalog number	HB9805	
Compound name	Beta-amyloid (1-42)	
Amino acid sequence	DAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMV GGVIA	
Modifications	N/A	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
Batch number	E01639-1-1	
Batch molecular formula	C ₂₀₃ H ₃₁₁ N ₄₉ O ₄₂ S	
Batch molecular weight	4514.08	

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: 91.6%
Mass spectrum	Mass spec analysis consistent with structure	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in aqueous ammonia (1 mg/ml)	Meets specification

Produced by _____ Signature 

Passed by _____ Signature 

Date **26-07-21**

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