

Certificate of Analysis



Product Identification

Catalog number	HB4871	
Compound name	Amyloid beta (1-40) (human)	
Amino acid sequence	DAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMV	Asp-Ala-Glu-Thr-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-Lie-Lie-Gly-Leu-Met-Val-Gly-Gly-Val-Val-OH
Modifications	N/A	
Batch number	E1067-1-1	
Batch molecular formula	C ₁₀₄ H ₁₂₂ N ₁₃ O ₁₈ S	
Batch molecular weight	4329.90	
Salt form	TFA Salt	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 96.6%
Peptide content	Peptide content between 60 % and 100 %	Meets specification: 72.6%
Mass spectrum	Mass spec analysis consistent with structure	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water (1 mg/ml)	Meets specification

Produced by

Signature

Passed by

Signature

Date

09-05-19

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