

Certificate of Analysis



Product Identification

Catalog number	HB9159	
Compound name	Amyloid beta (42-1) human	H-Ala-Lle-Val-Val-Gly-Gly-Val-Met-Leu-
Amino acid sequence	AIVVGGVMLIIAGKNSGVDEAFFVLKQHHVEYGSD HRFEAD	Gly-Lle-Lle-Ala-Gly-Lys-Aon-Ser-Gly-
Modifications	N/A	Val-Asp-Glu-Ala-Phe-Phe-Val-Leu-Lys-
Batch number	E2369-1-1	Gln-His-His-Val-Glu-Tyr-Gly-Ser-Asp-
Batch molecular formula	$C_{203}H_{311}N_{62}O_{62}S$	I-Iis-Arg-Phe-Glu-Ala-Asp-OH
Batch molecular weight	4515.50	
Salt form	Ammonium Salt	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 96.0%
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

21/08/2023

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