

Certificate of Analysis



Product Identification

Catalog number	HB3615
Compound name	MCH (human, mouse, rat)
Amino acid sequence	DFDMLRCMLGRVYRPCWQV
Modifications	Disulfide bridge - Cys7-Cys16
Batch number	E2398-1-1
Batch molecular formula	C ₁₀₅ H ₁₆₀ N ₃₀ O ₂₆ S ₄
Batch molecular weight	2386.84

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 96.8%
Peptide content	Peptide content between 60 % and 100 %	Meets specification: 78.9%
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

Biological validation

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

18/10/2023

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