

Certificate of Analysis



Product Identification

Catalog number	HB5273	
Compound name	MOG (35-55)	
Amino acid sequence	MEVGWYRSPFSRVVHLYRNGK	
Modifications	N/A	Met-Glu-Val-Gly-Trp-Tyr-Arg-Ser-Pro-Phe-Ser-
Batch number	E2363-1-1	Arg-Val-Val-His-Leu-Tyr-Arg-Asn-Gly-Lys
Batch molecular formula	$C_{118}H_{177}N_{35}O_{29}S$	
Batch molecular weight	2582.00	

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: 73.2%
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 (0.5 mg/ml)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

19/09/2023

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