

## CERTIFICATE OF ANALYSIS

### MOTS-c

Cat No: MOTS10  
CAS No: 1627580-64-6  
PubChem CID: 91818523  
Chemical Name: Mitochondrial ORF of 12S rRNA type-c peptide  
MG: 10mg

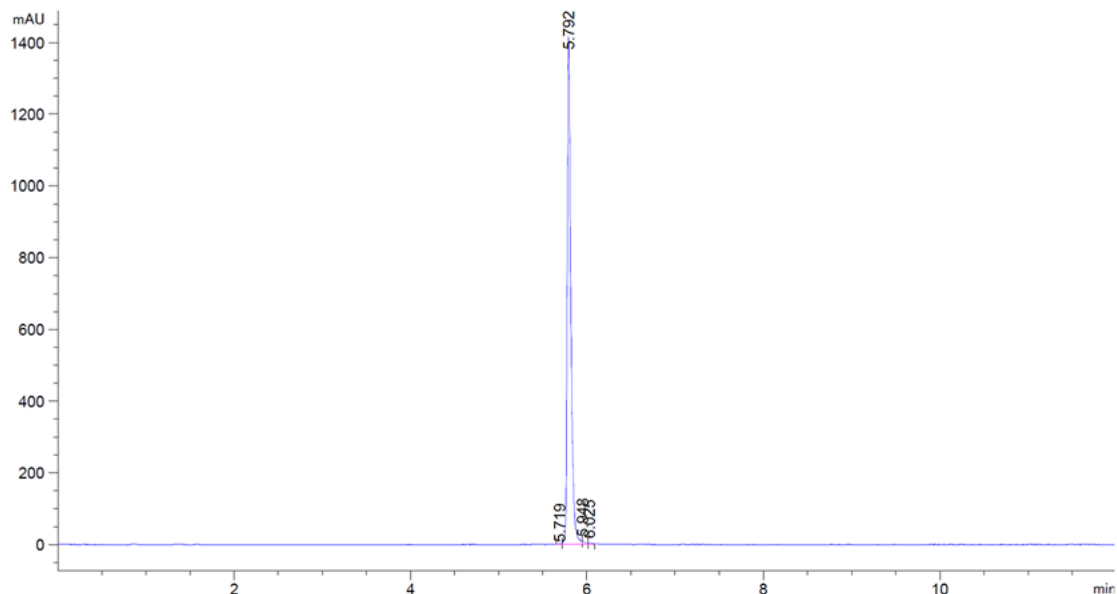
### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C100H174N32O28  
Molecular Weight: 2,174.69 g/mol  
Storage: -20°C 3yr / 4°C 2yr / 15°C 3mo  
Chemical Structure: N/A

### ANALYTICAL DATA

Test Items	Specifications	Results
Appearance:	White to off-white lyophilised solid powder	Conforms
Purity (HPLC):	>99.1%	99%
TFA Content:	<0.50%	Conforms

HLPC trace:



QC Director

Sampling Date: 28/03/2026  
Testing Date: 30/03/2026  
Report Date: 06/04/2026