

Manufacturer's QC laboratory report | HPLC-UV / LC-MS | Nitrogen quantification

RESEARCH PEPTIDE | LYOPHILISED POWDER

MOTS-c 10 mg

NextGen batch NGP2042 | Laboratory lot: N/A | Identity: Confirmed

PURITY (HPLC-UV)

100%

NET PEPTIDE CONTENT

41.25 mg

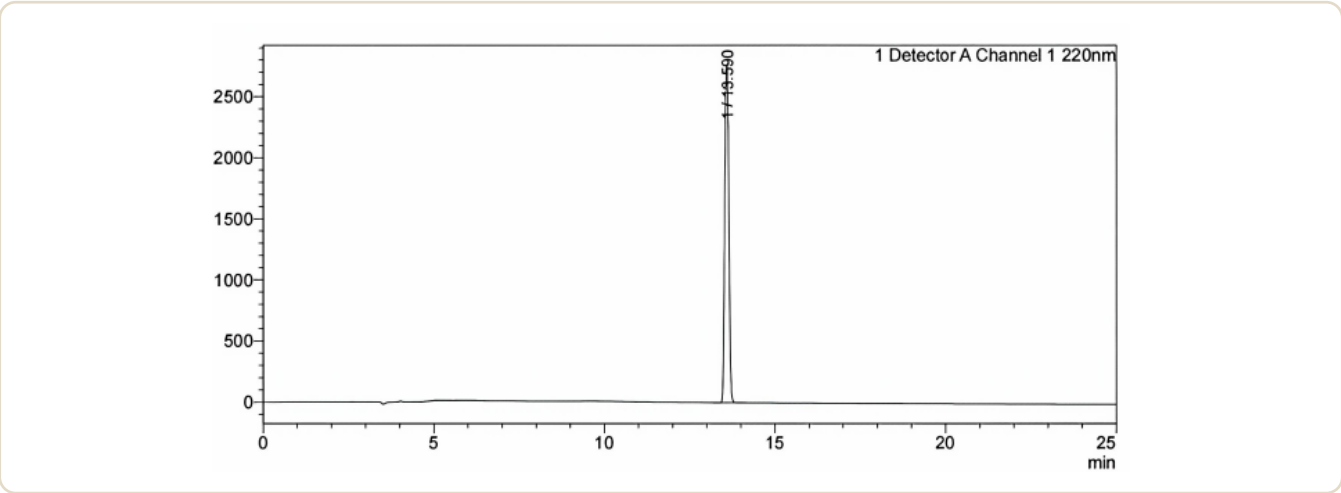
APPEARANCE

White Lyophilised Powder

Analytical results

Test	Method	Specification	Result
Purity	HPLC-UV (LC-MS coupled)	Report value	100%
Net peptide content	Nitrogen quantification (elemental analyser)	Report value	41.25 mg
Identity	Sample summary	Confirmed	Confirmed
Identity (LC-MS)	LC-MS	-	N/A - not reported
Molecular weight	Mass spectrometry	-	Per MS (see lab report)
Endotoxin	Endotoxin analysis	-	N/A - not tested
Appearance	Visual	-	White Lyophilised Powder

Chromatogram HPLC-UV trace as issued by the testing laboratory



Sign-off

Tested by: Miss. Xie YuJing, QC Date: 12/07/2026 Reviewed by: Miss. Zhang Bo, QC Date: 12/07/2026

This certificate reproduces the results issued by the manufacturer's quality-control laboratory for the batch supplied to NextGen Peptides, re-set for legibility; all values, methods, signatories and dates are as issued. Purity analysis was conducted by HPLC with UV detection coupled with mass spectrometry (LC-MS/MS) under standard laboratory conditions; net peptide content was determined by nitrogen quantification using an elemental analyser. Results are specific to the sample(s) provided and are for informational purposes only; they should be interpreted by qualified professionals within the scope of the intended research. The peptide tested is supplied strictly for laboratory and in-vitro research use - not for human or veterinary use, nor for diagnostic, therapeutic or clinical applications.