

MOTS-C

CERTIFICATE OF ANALYSIS (COA)

BATCH NUMBER

27812

01 COMPOUND DETAILS

CAS NUMBER	MOLECULAR FORMULA	MOLECULAR WEIGHT	QUANTITY
1627580-64-6	C ₁₀₁ H ₁₅₂ N ₂₈ O ₂₂ S ₂	2174.64	124 g
BATCH NUMBER	MANUFACTURE DATE	REPORT DATE	RETEST DATE
27812	01/09/2026	02/09/2026	01/12/2026

PEPTIDE SEQUENCE

Met-Arg-Trp-Gln-Glu-Met-Gly-Tyr-Ile-Phe-Tyr-Pro-Arg-Lys-Leu-Arg

02 ANALYTICAL RESULTS

#	TEST	SPECIFICATION	REPORTED RESULT
1	Appearance	White to off white powder	White powder
2	Solubility	Freely soluble in water	Conforms
3	Identity (Mass Spectrometry)	2174.4-2175.4 Da (free base)	2174.7 Da
4	Purity (HPLC)	≥99.0%	99.5%
5	Largest single impurity	≤0.50%	0.12%
6	Total Impurities	≤1.0%	0.32%
7	Water Content (K.F)	≤6.0%	3.1%
8	Acetate Content	8.0-12.0 %	10.4 %
9	Residual Solvents	Acetonitrile ≤ 410 ppm	45 ppm
10	Bacterial Endotoxins	< 10 EU/mg	Conforms
11	Peptide Content	≥80.0%	84.3%

STORAGE Preserve in an air tight container, protected from light at a temperature of -25°C-15°C.

CONCLUSION The product tested Conform with In-house standard

REMARK It is only supplied as chemical product