

# Certificate of Analysis

## OP-MO398

January 2026

### Product Specifications

Product Name	MOTS-c (Mitochondrial ORF of 12S rRNA Type-c)
CAS Number	1627580-64-6
PubChem CID	146675088
Molecular Formula	C101H152N28O22S2
Molecular Weight	2174.64 g/mol
Storage	Powder: -20°C 3 years; 4°C 2 years; 15°C 3 months. In solvent: -80°C 6 months; -20°C 1 month; 10°C 1 week

### Test Results

Test	Specification	Result
Appearance	White to off-white lyophilised powder	Conforms
Purity (HPLC)	≥ 98.5%	98.64%
TFA Content	< 0.50%	Conforms

CAUTION: PRODUCT HAS NOT BEEN APPROVED FOR CONSUMPTION. FOR RESEARCH USE ONLY.  
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