

Certificate of Analysis for Primegevity Labs

Name	MOTS-C 10mg	CAS No.	1627580 - 64 - 6
Formula	C102H152N28O22S2	Origin	Chemical Synthesis
Lot No.	210101525	Manufacture Date	2025.10.15
Lot Size	/	Retest date	2027.10.14
Storage	Protected from light, at a temperature of 5±3°C		
Test Items	Acceptance Criteria	Test Results	
[Description]			
Appearance	White or off-white cake	White cake	
[Identification]			
HPLC Identification	The retention time of the major peak of the Sample solution corresponds to that of the Standard solution, as obtained in the Assay.	Conforms	
[Test]			
Purity	NLT99.0%	99.4% 0.25%	
Related Substances	Individual Impurity NMT 0.1%	0.31%	
	Total Impurities NMT 2.0%	Less than 10s	
Reconstitution time	Less than 30s		
Clarity and Coloration of solution	Clear and colorless, or if its opalescence is not more pronounced than that of reference suspension 1	Conforms	
Water	NMT5.0%	0.44%	
Higher molecular impurity	NMT0.5%	0.10%	
Sterility Tests	Meet Requirements	Conforms	
Bacterial endotoxins	NMT10EU/mg	Less than 5EU/mg	
[Assay]			
Assay	95.0%-105.0% on C102H152N28O22S2	99.39%	
Content	10.8~12.5mg/vial	11.5mg/Vial	
Conclusion: The test results comply with the in-house specification.			
Important Notice: This PRODUCT IS INTENDED AS A RESEARCH CHEMICAL ONLY. This product is not a drug, food, or cosmetic.			