



CERTIFICATE OF ANALYSIS

	PRODUCT	MOTS-C	SPEC	10mg/Vial
	LOT NO.	MO10-20251201	MFG DATE	2025.12.01
	STORAGE	Protected from light, Store at 25°C for transportation; Store at a temperature of 5±3°C for long term storage.		

TEST ITEMS	ACCEPTANCE CRITERIA	TEST RESULTS
DESCRIPTION		
Appearance	White or off-white cake	White cake
Solubility	soluble in water	Conforms
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	NLT 95.0%	99.6%
Related Substances — Individual impurity	Individual impurity NMT1.0%	0.16%
Related Substances — Total impurities	Total impurities NMT5.0%	0.44%
Clarity and Coloration of solution	Clear and light yellow, or if its opalescence is not more pronounced than that of reference suspension 1	Conforms
Water	NMT 5.0%	1.29%
Sterility Tests	Meet Requirements	Conforms
Bacterial endotoxins	NMT 20 EU/mg	Less than 20EU/mg
ASSAY		
Assay	≥9.5 mg/Vial (MO10)	11.2mg

**CONCLUSION:** The test results comply with the in-house specification.**Important Notice:** This product was used only for research. Not for human use.TESTED ACCORDING TO
INTERNAL QUALITY
CONTROL STANDARDS

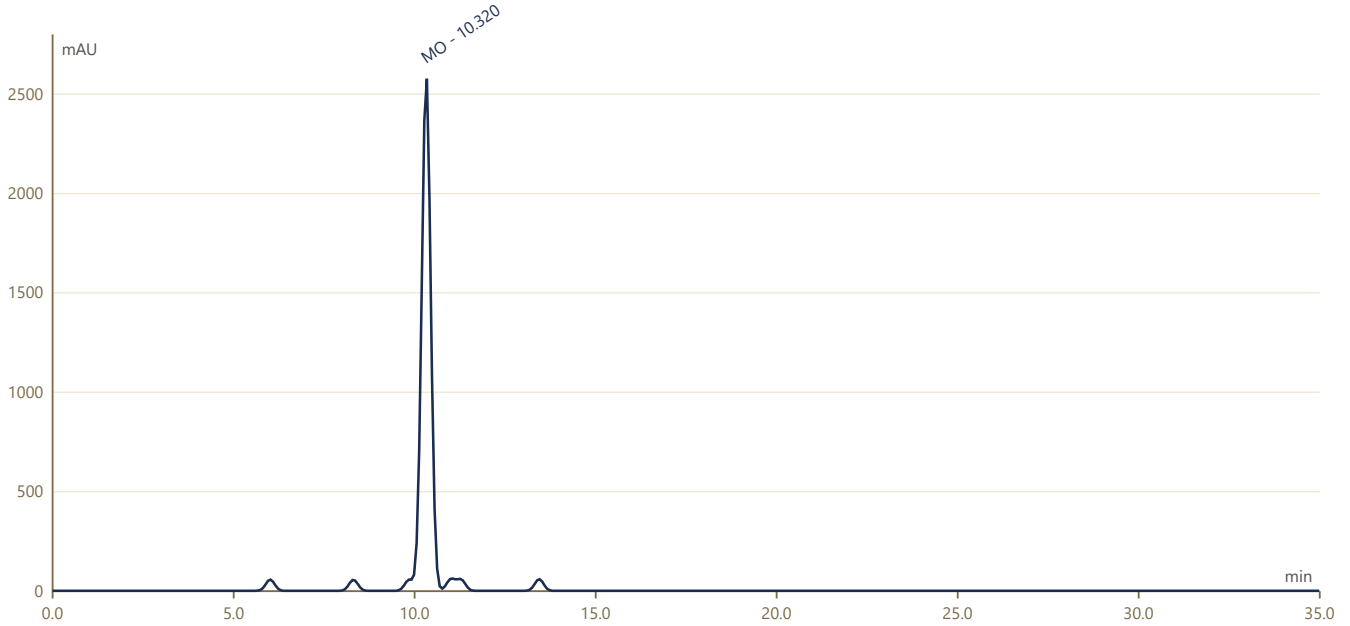
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CHROMATOGRAM & RESULTS

Sample Name: MOTS-C | Injection: MO10-20251201



INTEGRATED RESULTS

NO.	PEAK NAME	RT (MIN)	PEAK AREA (%)
1	—	6.010	0.07
2	—	8.310	0.05
3	—	9.850	0.03
4	MO	10.320	99.56
5	—	11.000	0.10
6	—	11.280	0.03
7	—	13.440	0.16
SUM:			100.00



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