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<b>Client:</b>	ResearchPure LLC	<b>Accession #:</b>	MBA260663650
	DBA ResearchPure	<b>Search Code:</b>	MBA-MBA260663650
	Analytical Reference Standards	<b>Received:</b>	06/10/2026
		<b>Reported:</b>	06/12/2026
<b>Lot #:</b>	RP-20260610-946	<b>Batch #:</b>	062026-MITOC-05

**Sample Summary**

<b>Product:</b>	Mitochondrial ORF of 12S rRNA Type-C P	<b>Purity:</b>	99.423%
<b>Identity:</b>	Confirmed	<b>Net Content:</b>	4.98 mg
<b>Appearance:</b>	White Lyophilized Powder	<b>CAS Number:</b>	1627580-64-6
<b>Mol. Formula:</b>	C101H152N28O22S2	<b>Mol. Weight:</b>	2174.62 Da

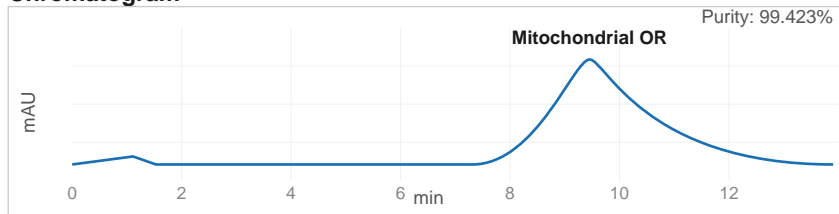
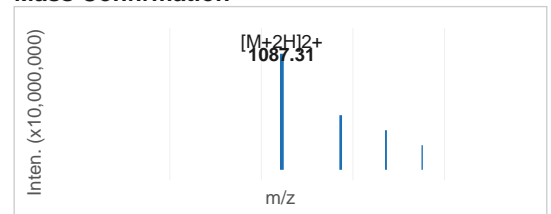
All Chemical Analysis performed by HPLC-UV with Mass Spectrometry (LC-MS/MS)

**Analytical Results**

Test	Specification	Result
Identity (LC-MS/MS)	Confirmed by mass spectrometry	<b>Confirmed</b>
Purity (RP-HPLC, 214 nm)	>= 99.0% area normalization	<b>99.423% — Pass</b>
Net Content / Assay	>= 5 mg per label	<b>4.98 mg</b>

**Method: Endotoxin — Limulus Amebocyte Lysate (LAL) assay per USP <85> under validated laboratory conditions.**

<b>Endotoxin Replicate 1:</b>	<b>Pass</b>	Assay Sensitivity: <= 0.05 EU/mL
<b>Endotoxin Replicate 2:</b>	<b>Pass</b>	Assay Sensitivity: <= 0.05 EU/mL

**Chromatogram****Mass Confirmation****Michael Torres, M.S.**Michael Torres, M.S.  
Principal Chemist  
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The peptide purity analysis reported here was conducted under standard laboratory conditions. This analysis is intended for informational purposes only and is specific to the sample(s) provided. These materials are intended for in vitro laboratory research use only and are not approved for human or veterinary use, diagnostic, therapeutic, or clinical applications. Results should be interpreted by qualified professionals within the scope of the intended research. Searchable via: www.MeridianBioAnalytical.com Contact: support@meridianbioanalytical.com