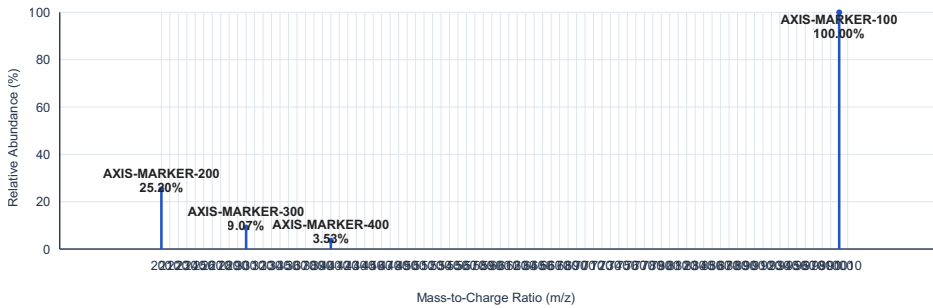


Sample Name:	Melanotan I	CLIENT INFORMATION		Instrument Conditions
Sample Type:	Pharmaceutical Reference Standard	Client Name:	Internal R&D	LC System: Nextjs-Lay
Lot Number:	SYN-MT1-2607-A	Contact Person:	Quality Assurance Department	MS Detector: Prisma-Sch
Batch Code:	TEST_BATCH_CODE_0038	Company:	Veridia Scientific LLC	Ionization Mode: —
Injection Volume:	5.0 uL	Address:	1026 Ocean Avenue, Suite 450, Santa Monica, CA 90401	Mass Range: m/z 100 - 2000
Analysis Date:	05/28/2026 12:00:00 PM	Email:	service@prosynthchem.com	Acquisition Mode: —
Data Source:	Synthetic Mass Spectrum Generation	Phone:	Confidential	Mobile Phase: A: Water + 0.1% formic acid; B: Acetonitrile + 0.1% formic acid
				Flow Rate: 0.35 mL/min
				Column: Synthetic C18, 2.1 x 50 mm, 1.7 um



SPECTRUM OBSERVATION

Base Peak Ion:	1000.0000 m/z
Relative Intensity:	100.00%
Observed Molecular Ion:	[M+2H] ²⁺
Calculated Molecular Weight:	9999.9999 Unit [LAYOUT TEST] Da
Mass Accuracy:	0.00 ppm

MASS PEAK ASSIGNMENT

Peak No.	m/z	Relative Abundance (%)	Assignment	Status
1	1000.0000	100.00%	Target Molecular Ion	Target Compound
2	200.0000	25.20%	M+1 Isotope	Confirmed
3	300.0000	9.07%	M+2 Isotope	Confirmed
4	400.0000	3.53%	Isotope Peak	Confirmed

IDENTIFICATION SUMMARY

[M+2H]²⁺ = 1000.0000 m/z
0.00 ppm

Derived from LC-MS
peak assignment

LC-MS IDENTITY CONFIRMATION

PASS

Matches Expected Molecular Ion

Confidence 99.80%

REVIEW & AUTHORIZATION

PREPARED BY (Mass Spectrometry Analyst)

Dr. Marcus Vance
Name: Dr. Marcus Vance, Ph.D.
Title: Senior LC-MS Analyst
Date: 05/28/2026

APPROVED BY (Laboratory Director)

Sarah Jenkins
Name: Sarah Jenkins, M.S.
Title: Laboratory Director
Date: 05/28/2026