

Client: AARL

 Sample received: **04/16/26**
 Analysis conducted: **04/24/26**

Compound:	Melanotan II	CAS:	121062-08-6
Batch/Lot #:	122215	Formula:	C50H69N15O9
Appearance:	White lyophilized powder	Mol Wt:	1024.198 g/mol

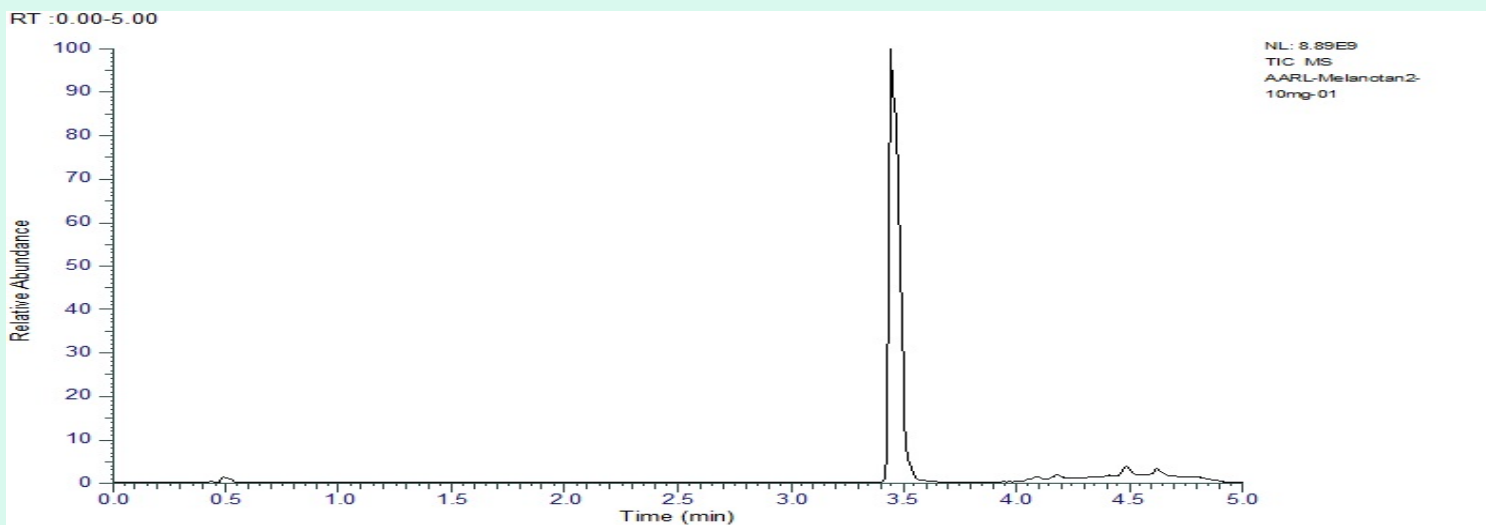
Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

Pubchem CID: 92432

[Melanotan II | C50H69N15O9 | CID 92432](#)

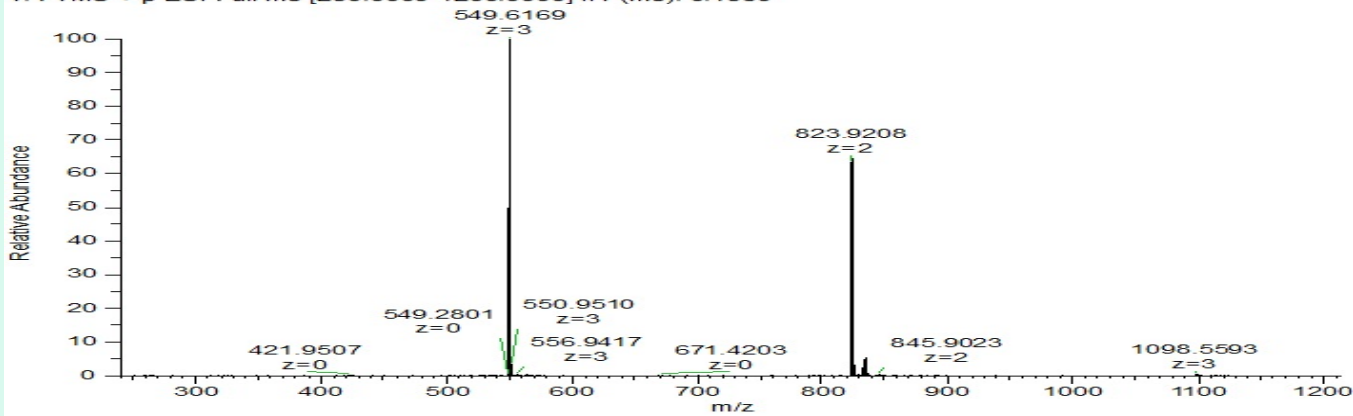
	Specification	Result	
Identity Test:	Melanotan 2	Not Found	Does not Conform
Purity:	>99%	99.6%	N/A

LC-MS Chromatogram: Retention Time and Peak Analysis



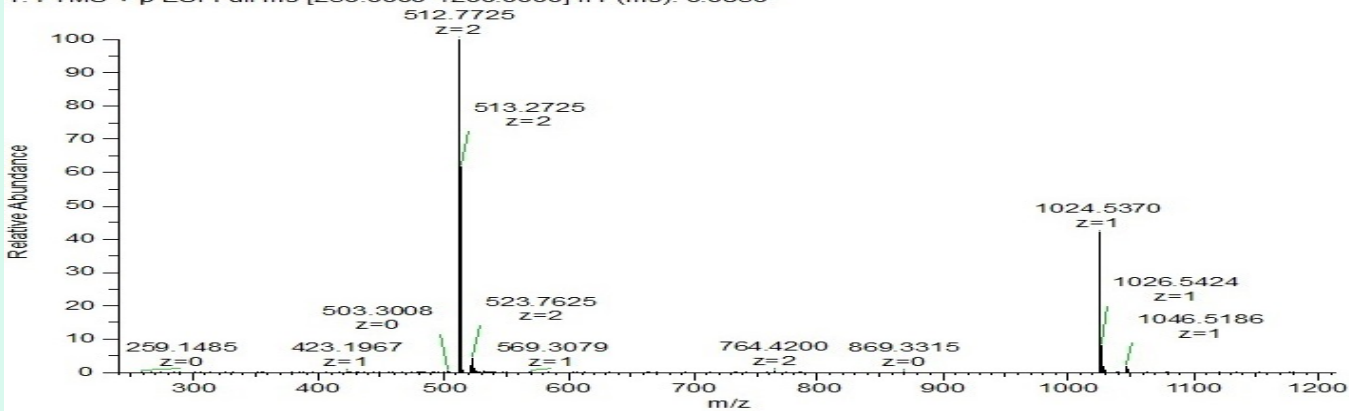
Full Scan Mass Spectrometry Analysis

AARL-Melanotan2-10mg-01 #397 RT: 3.46 AV: 1 NL: 1.66E9
T: FTMS + p ESI Full ms [250.0000-1200.0000] IIT (ms): 0.1560



For Reference: Actual Spectrum of Melanotan II

-Melanotan2-10mg-01 #428 RT: 3.73 AV: 1 NL: 3.59E9
T: FTMS + p ESI Full ms [250.0000-1200.0000] IIT (ms): 0.0850



Analysis Performed by

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Security Key **AARL01**
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Roberto Marin

