

Lot Number: **FPL-7423137-P**  
 Client Name: **freedom peptides LLC**  
 Identity: **freedom peptides LLC**


Received Date: **05/05/2026**  
 Analysis Conducted: **04/30/2026**  
 Searchable via: **horizonanalytical.com**

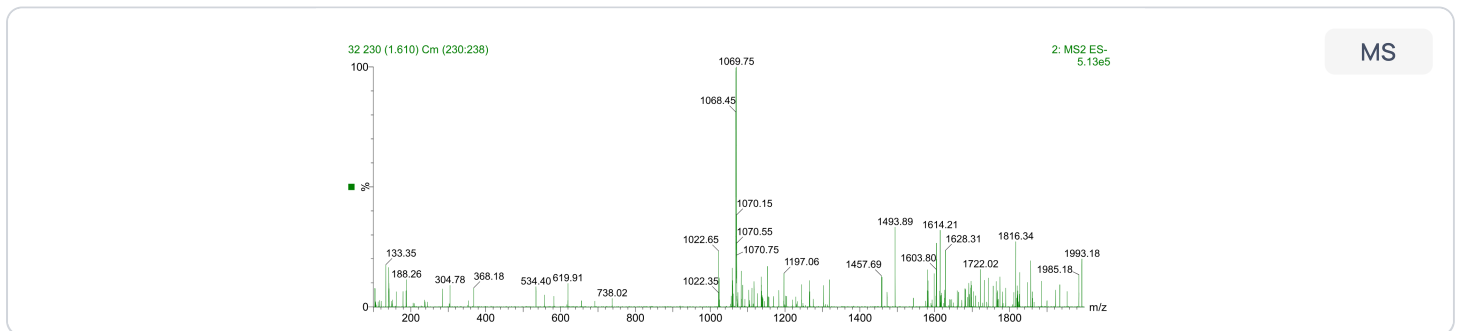
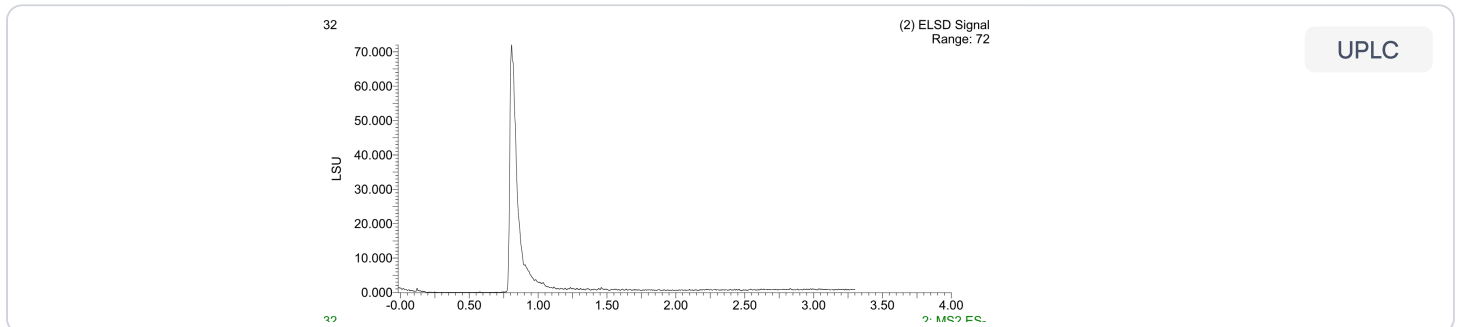
|                    |                          |
|--------------------|--------------------------|
| <b>Compound:</b>   | Melanotan 2 (MT-2)       |
| <b>Lot:</b>        | FPL-7423137-P            |
| <b>Appearance:</b> | White Lyophilized Powder |

|                    |  |
|--------------------|--|
| <b>CAS:</b>        | 121062-08-6  |
| <b>Formula:</b>    | C <sub>50</sub> H <sub>69</sub> N <sub>15</sub> O <sub>9</sub> |
| <b>Mol Weight:</b> | ~1024.2 g/mol  |

Pubchem CID: 92432

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

|                | Specification      | Result             | Scan to Validate:   |
|----------------|--------------------|--------------------|---|
| Compound Test: | Melanotan 2 (MT-2) | Melanotan 2 (MT-2) |  |
| Quantity:      | 10mg               | 10.1mg             |   |
| Purity:        | >98%               | 99.15%             |   |



**Aleksey Yevtodiyyenko PhD**  
 Research and Formulation Chemist

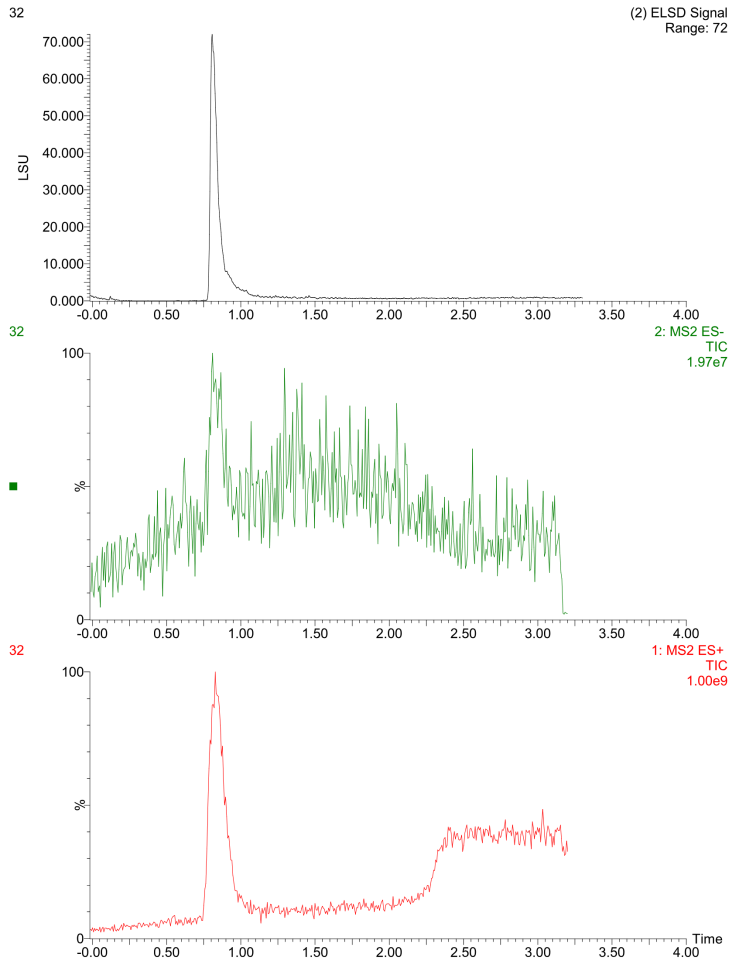


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

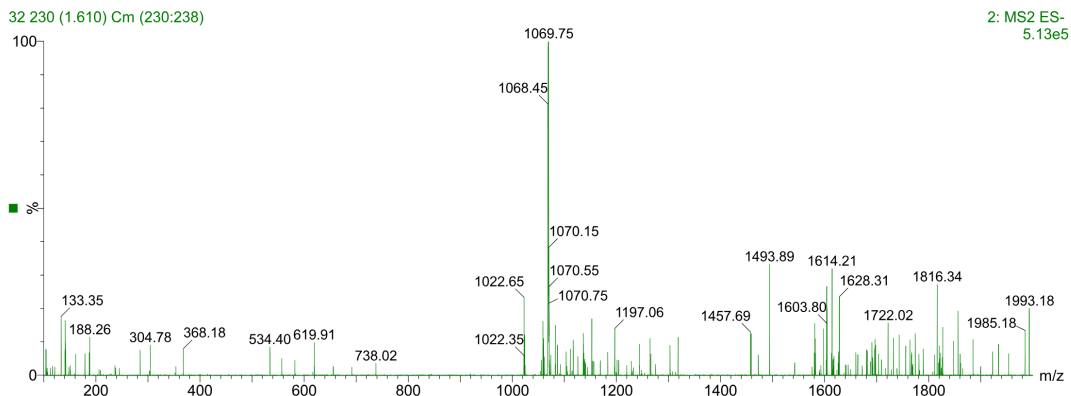
Lot Number: FPL-7423137-P  
Client Name: freedom peptides LLC  
Identity: freedom peptides LLC

Received Date: 05/05/2026  
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Melanotan 2 (MT-2) (10mg) • Pubchem CID: 92432  
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



Lot Number: **FPL-7423137-E**  
Client Name: **freedom peptides LLC**  
Identity: **freedom peptides LLC**

Received Date: **05/05/2026**  
Analysis Conducted: **04/30/2026**  
Searchable via: **horizonanalytical.com**

|             |                    |
|-------------|--------------------|
| Compound:   | Melanotan 2 (MT-2) |
| Lot:        | FPL-7423137-E      |
| Appearance: | -                  |

|             |  |
|-------------|--|
| CAS:        | 121062-08-6  |
| Formula:    | C <sub>50</sub> H <sub>69</sub> N <sub>15</sub> O <sub>9</sub> |
| Mol Weight: | ~1024.2 g/mol  |

Pubchem CID: 92432  
Endotoxin Test

|                | Specification      | Result       | Scan to Validate:   |
|----------------|--------------------|--------------|---|
| Compound Test: | Melanotan 2 (MT-2) | -            |  |
| Endotoxin:     | -                  | < 0.05 EU/mL |   |

**Aleksey Yevtodiyenko PhD**  
Research and Formulation Chemist



This endotoxin analysis was performed under standard laboratory conditions using validated testing methodologies to ensure accurate and reliable results. The analysis is intended for informational and research purposes only.

Contact at: [contact@horizonanalytical.com](mailto:contact@horizonanalytical.com)

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