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Certificate of Analysis

Product Description: [D-Trp6,Des-Gly10] LHRH Ethylamide_
Catalog Number: 152918_
Lot: Q1841_

Formula: N/A CAS #: 57773-65-6 Physical Description: Off-white Powder	Formula Weight: 1282.6 Storage: -20°C
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Test	Specification	Result
Identity Test	Passes	Passes
Amino Acid sequence	Pyr-His-Trp-Ser-Tyr-D-Trp-Leu-Arg-Pro-NH- ethyl	Pyr-His-Trp-Ser-Tyr-D-Trp-Leu-Arg-Pro-NHEt

Solution: Clear, colorless solution Identification: m=1281.8u (monoisotopic mass)

Amino acid analysis:

- Arg: 1.1
- Ser: 0.8
- Glx: 1.0
- Trp: Det.
- His: 0.9
- Tyr: 1.0
- Leu: 1.0
- Pro: 1.0

Assay: 88.1% (Nth18.57%, Nfd 16.36%)

Water (KF): 2.4%

Acetic acid (HPLC): 10.1%

Mass balance: 100.6% (=88.1% (peptide) + 2.4% (H2O) + 10.1% (AcOH))

Recommended Retest Date: 06/12/2019

03/25/2015 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)