STATUS DECISION OF CONTROLLED AND NON-CONTROLLED SUBSTANCE(S)

Substances:
I- Ipamorelin
II- Hexarelin
III- Sermorelin
IV- Bremelanotide

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

- Controlled ☐
- Not Controlled X

under the schedules of the Controlled Drugs and Substances Act (CDSA) for the following reason(s):

- The substances are polypeptides and are not structurally similar to any of those listed in the CDSA.

Prepared by: ____________________________ Date: ____________
Vincent Marleau

Verified by: ____________________________ Date: ____________
Mark Kozlowski

Approved by: ____________________________ Date: ____________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Carol-Anne Chenard, OCS
Drug Status Report

Drug:  I - Ipamorelin  
II- Hexarelin  
III- Sermorelin  
IV- Bremelanotide

Drug Name Status:  
I- Ipamorelin  
II- Hexarelin  
III- Sermorelin(GRF 1-29)  
IV- Bremelanotide are the common names.

Chemical Name:  
I- Aib-His-D-2-Nal-D-Phe-Lys-NH2  
II- His-2-Me-D-Trp-Ala-Trp-D-Phe-Lys-NH2  
IV- CH₃CO-Nle-[Asp-His-(d)-Phe-Arg-Trp-Lys]-COOH

Molecular Formula:  
I- C₃₈H₄₉N₉O₅; II- C₄₇H₅₈N₁₂O₆; III- C₁₄₀H₂₄₆N₄₄O₄₂S; IV- C₅₀H₆₈N₁₄O₁₀

CAS-RN:  I- 170851-70-4; II- 140703-51-1; III- 86168-78-7; IV- 32780-32-8

Pharmacological class / Application:  Polypeptide

International status:  
US:  Ipamorelin, Hexarelin, Sermorelin and Bremelanotide are not listed specifically in the Schedules to the US Controlled Substances Act and are not mentioned anywhere on the DEA website.

United Nations:  The substances are not listed on the Yellow List - List of Narcotic Drugs under International Control, the Green List - List of Psychotropic Substances under International Control, nor the Red List - List of Precursors and Chemicals Frequently Used in the Illicit Manufacture of Narcotic Drugs and Psychotropic Substances under International Control.

Canadian Status:  Ipamorelin, Hexarelin, Sermorelin and Bremelanotide are not listed in the schedules to the CDSA. The substances are synthetic peptides that all have hormone related functions and are not structurally similar to any of the substances listed in the CDSA.

Recommendation:  Ipamorelin, Hexarelin, Sermorelin and Bremelanotide are not included in the Schedules to the CDSA and are not controlled substances.

Date:  October 4th, 2012.