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

Substance: Methanodrol

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 substance is not an anabolic steroid or a derivative of an anabolic steroid.

Prepared by: ________________________________ Date: ____________

Vincent Marleau

Verified by: ________________________________ Date: ____________

Mark Kozlowski

Approved by: ________________________________ Date: ____________

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Gillian Mandel, Inspectorate
Drug Status Report

Drug: Methanodrol

Drug Name Status: Methanodrol is the common name.

Chemical Name: (20R,22R)-2beta,3beta,22-tri-O-acetyl-14alpha,20,25-trihydroxy-5beta-cholest-7-en-6-one ester

Other Names: 20b-hydroxyecdysone-2b-acetate

Chemical structure:

![Chemical Structure Image]

Molecular Formula: C_{33}H_{50}O_{8}

Pharmacological class / Application: Ecdysteroid

CAS-RN: Unknown

International status:

US: Methanodrol is not listed specifically in the Schedules to the US Controlled Substances Act and is not mentioned anywhere on the DEA website.

United Nations: The substance is 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: Methanodrol is not listed in the Schedules to the CDSA. The substance is reported to be an ingredient in Fizogen M1-Bol (http://www.fizogen.com/m1bol.php), a product is marketed for body building purposes. Methanodrol is a derivative of 20beta-hydroxyecdysone, which was reviewed previously and not included under item 23 “Anabolic steroid and their derivatives” of Schedule IV to the CDSA on the basis that the substance does not display any anabolic activity and is not a derivative of an anabolic steroid. Given that
methanodrol is not derived from an anabolic steroid, it cannot be included under item 23 of Schedule IV to the CDSA.

**Recommendation:** Methanodrol is not included in the schedules to the CDSA and is not a controlled substance.

**Date:** November 22nd 2012.