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

Substance: 17alpha-Ethyl-5beta-estrane-3alpha,17beta-diol

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

- Controlled ✓
- Not Controlled ☐

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

- The substance is a metabolite of norethandrolone and therefore included under item 23(31) of Schedule IV to the CDSA.

Prepared by: ___________________________ Date: January 27th, 2012
Evelyn C Soo

Verified by: ___________________________ Date: __________
Mark Kozlowski

Approved by: ___________________________ Date: __________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: “third party information removed as per agreement with applicant”
Drug Status Report

**Drug**: 17alpha-Ethyl-5beta-estrane-3alpha,17beta-diol

**Drug Name Status**: 17alpha-Ethyl-5beta-estrane-3alpha,17beta-diol is the common name.

**Chemical Name**: 17alpha-Ethyl-5beta-estrane-3alpha,17beta-diol

**Chemical structure**:

![Chemical structure of 17alpha-Ethyl-5beta-estrane-3alpha,17beta-diol]

**Molecular Formula**: C_{20}H_{34}O_{2}

**Pharmacological class / Application**: Steroid

**CAS-RN**: N/A

**International status**:

US: 17alpha-Ethyl-5beta-estrane-3alpha,17beta-diol is not listed in the schedules to the US *Controlled Substances Act* and is not mentioned 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: 17alpha-Ethyl-5beta-estrane-3alpha,17beta-diol is not specifically listed in the schedules to the CDSA. This substance has been reported to be a metabolite of norethandrolone[^1], which is listed as sub-Item 23(31) in Schedule IV to the CDSA under the heading “Anabolic steroids and their derivatives including”. As a metabolite of norethandrolone, the substance is captured under sub-Item 23(31) of Schedule IV to the CDSA as a derivative of an anabolic steroid.

**Recommendation**: 17alpha-Ethyl-5beta-estrane-3alpha,17beta-diol is included under sub-Item 23(31) of Schedule IV to the CDSA and is a controlled substance.

**Date**: January 27th, 2012.
