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

Substance: Androst-2-en-17-one

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

- Controlled  X
- Not Controlled  □

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

- The substance is a metabolite of the anabolic steroid 4-androstenedione and must be included under item 23 of Schedule IV to the CDSA.

Prepared by: ______________________ Date: ________________
Evelyn C Soo

Verified by: ______________________ Date: ________________
Mark Kozlowski

Approved by: ______________________ Date: ________________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Idralyn Alarcon, CBSA
Drug Status Report

Drug: Androst-2-en-17-one

Drug Name Status: Androst-2-en-17-one is the common name.

Chemical Name: 5alpha-Androst-2-en-17-one

Other Names: delta-2-Androst-17-one

Chemical structure:

Molecular Formula: C_{19}H_{28}O

Pharmacological class / Application: Steroid

CAS-RN: 963-75-7

International status:

US: Androst-2-en-17-one 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: Androst-2-en-17-one is not listed specifically in the CDSA. The substance has been shown to be a metabolite of the anabolic steroid 4-androstenedione and a degradation product of androsterone and epiandrosterone\(^1\), all of which are included under item 23 of Schedule IV to the CDSA under the heading “Anabolic steroids and their derivatives”. As a derivative of an anabolic steroid, androst-2-en-17-one must be included under item 23 of Schedule IV to the CDSA.

Recommendation: Androst-2-en-17-one is included in item 23 of Schedule IV to the CDSA and is a controlled substance.

Date: April 10th, 2012.