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

Substance: 
I - 17alpha-Boldenone-17-O-beta-glucuronide
II - Boldenone-17-O-beta-glucuronide

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 substances are metabolites of anabolic steroids and included under item 23 of
Schedule IV to the CDSA.

Prepared by: ____________________________ Date: Jan 12th, 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: I - 17alpha-Boldenone-17-O-beta-glucuronide  
II - Boldenone-17-O-beta-glucuronide

Drug Name Status: I - 17alpha-Boldenone-17-O-beta-glucuronide  
II - Boldenone-17-O-beta-glucuronide are the common names.

Chemical Name: 
I - (17alpha)-3-Oxandrosta-1,4-dien-17-yl-beta-D-glucopyranosiduronic acid 
II - (17beta)-3-Oxandrosta-1,4-

Chemical structure:

Molecular Formula: I - C_{25}H_{34}O_{8}; II - C_{25}H_{34}O_{8}

Pharmacological class / Application: Steroid metabolites

CAS-RN: I - 827019-67-0; II - 827019-65-8

International status:

US: 17alpha-Boldenone-17-O-beta-glucuronide and boldenone-17-O-beta-glucuronide are not listed in 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
Canadian Status: 17alpha-Boldenone-17-O-beta-glucuronide and boldenone-17-O-beta-glucuronide are not listed specifically in the CDSA. The substances are phase II metabolites of 17alpha-boldenone\textsuperscript{1} and boldenone\textsuperscript{2}, respectively. Currently, boldenone is listed as sub-item 23(7) in Schedule IV to the CDSA while 17alpha-boldenone was reviewed previously and included under item 23 of Schedule IV, under the heading “Anabolic steroids and their derivatives”. Given that 17alpha-boldenone-17-O-beta-glucuronide and boldenone-17-O-beta-glucuronide are metabolites of anabolic steroids, they must be included under item 23 of Schedule IV to the CDSA.

**Recommendation:** 17alpha-Boldenone-17-O-beta-glucuronide and boldenone-17-O-beta-glucuronide are included under item 23 of Schedule IV to the CDSA and are controlled substances.

**Date:** January 12, 2012

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