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

Substance: A. 5.0

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 not listed in the Schedules to the CDSA and is not similar to any of the substances included in the CDSA.

Prepared by: ________________________________ Date: June 23, 2011

Zack Li

Verified by: ________________________________ Date: ___________

Mark Kozlowski

Approved by: ________________________________ Date: ___________

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Sandra Jarvis, Inspectorate
Drug Status Report

**Drug:** A. 5.0

**Drug Name Status:** A. 5.0 is the product name.

**Canadian Status:** A. 5.0 is a product sold for body building purposes and is marketed by BPI sports. The products is claimed to consist of the follow ingredients:

7-hydroxy-3-(4-hydroxyphenyl)-8-[(3R,4R,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]chromen-4-one; 5,6,7-Trihydroxy-2-phenyl-chromen-4-one; undec-10-enoic acid

Puerarin is an isoflavone present in plants such as *Radix puerariae*, and is not similar to any of the substances listed in the CDSA.
Baicalien is also a flavone and found in *Scutellaria baicalensis*. It has been reported in the scientific literature to demonstrate anti-inflammatory activity\(^1\) and is not structurally similar to any substances listed in the CDSA.

Undecylenic acid is a fatty acid found in castor oil and it not similar to any of the substances listed in the CDSA.

Recommendation: The ingredients in A. 5.0 are not included in the schedules to the CDSA is not a controlled substance.

June 23rd, 2011