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

Substance: Calcifediol

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 similar to any of those listed in the CDSA.

Prepared by: ____________________________ Date: Sept 1st 2010
Evelyn Soo

Verified by: ____________________________ Date: __________
Marianne Tang

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:** Calcifediol

**Drug Name Status:** Calcifediol is the common name.

**Chemical Name:** (3beta,5Z,7E)- 9,10-Secocholesta-5,7,10(19)-triene-3,25-diol monohydrate

**Chemical Structure:**

![Chemical Structure Image]

**Molecular Formula:** $C_{27}H_{44}O_2 \cdot H_2O$

**Pharmacological class / Application:** Metabolite of Cholecalciferol (Vitamin D3)

**CAS-RN:** 63283-36-3

**International status:**

US: The substance is not listed specifically in the CSA 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 nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Calcifediol is a major metabolite of cholecalciferol and is not currently listed in the CDSA. The substance is also not similar to any of the substances included in the Schedules to the CDSA. A recent review of cholecalciferol also found that the substance was not controlled under the CDSA.

**Recommendation:** Calcifediol is not included in the Schedules to the CDSA and is not a controlled substance.

**Date:** 1 October 2010