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

Substance:  Delta-1-tetrahydrocannabinol and Delta-6-tetrahydrocannabinol

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 naturally-occurring cannabinoids and therefore included under item 1 of Schedule II to the CDSA.

Prepared by: ____________________________________________  Date: Oct 20\textsuperscript{th} 2010

Evelyn Soo

Verified by: ____________________________________________  Date: __________

Marianne Tang

Approved by: ____________________________________________  Date: __________

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Wissam Sader
Drug Status Report

**Drug:**  
I - Delta-1-tetrahydrocannabinol  
II - Delta-6-tetrahydrocannabinol

**Drug Name Status:**  
I - Delta-1-tetrahydrocannabinol  
II - Delta6-Tetrahydrocannabinol are the common names.

**Chemical Name:**  
I - 1-trans-delta-9-Tetrahydrocannabinol  
II - 6H-Dibenzo(b,d)pyran-1-ol, 6a,7,10,10a-tetrahydro-6,6,9-trimethyl-3-pentyl-6,6,9-trimethyl-3-pentyl-, trans(-)-

**Other Names:**  
I - 6H-Dibenzo(b,d)pyran-1-ol, 6a,7,8,10a-tetrahydro-6,6,9-trimethyl-3-pentyl-, (6aR,10aR)-; Dronabinol; Delta-1-THC  
II - Delta-6-THC

**Chemical structure:**

![Chemical structure](image)

**Molecular Formula:**  
I - C_{27}H_{34}O_{8}; II - C_{21}H_{30}O_{2}

**Pharmacological class / Application:**  
Cannabinoids

**CAS-RN:**  
I - 1972-08-3; II - 5957-75-5

**International status:**

US: The substances are not listed specifically in the Controlled Substances Act and are not mentioned anywhere on the DEA website. However, these substances are likely to be controlled under the analogue provision of the CSA.

United Nations: The substance are 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: Delta-1-tetrahydrocannabinol and delta-6-tetrahydrocannabinol are naturally-
occurring cannabinoids of *Cannabis sativa* L.\(^1\),\(^2\) and therefore are captured under the item heading ““Cannabis, its preparations, derivatives and similar synthetic preparations, including:’’ of item 1 of Schedule II to the CDSA.

**Recommendation:** Delta-1-tetrahydrocannabinol and delta-6-tetrahydrocannabinol are included under item 1 of Schedule II to the CDSA and are controlled substances.

**Date:** 20 October 2010

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