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

Substance: 4-fluoromethamphetamine

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 an amphetamine and captured under item I of Schedule III to the CDSA. The substance could also be captured under 18 of Schedule I to the CDSA.

Prepared by: ___________________________________________ Date: June 14, 2011

Zack Li

Verified by: ___________________________________________ Date: __________

Evelyn Soo

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:** 4-fluoromethamphetamine

**Drug Name Status:** 4-fluoromethamphetamine is the common name

**Chemical Name:** \((RS)-1-(4\text{-fluorophenyl})-N\text{-methylpropan-2-amine}\)

**Other Names:** 4-FMA

**Chemical Structure:**

![Chemical Structure]

**Molecular Formula:** \(C_{10}H_{14}FN\)

**CAS-RN:** 351-03-1

**Pharmacological class / Application:** Amphetamine

**International status:**

US: 4-fluoromethamphetamine is not currently listed in the Schedules to the US *Controlled Substances Act*. However, it may be considered controlled due to the “controlled substances analogue” provision of the CSA.

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: 4-fluoromethamphetamine is not currently listed in the CDSA. The substance is considered to be an amphetamine; specifically, 4-fluoromethamphetamine is a structural analogue of methamphetamine where for the purpose of forming status decisions, an analogue is considered to be a substance of significant structural similarity to one included in the Schedules to the CDSA. As an analogue of amphetamine, 4-fluoromethamphetamine would be included under item 1 of Schedule III to the CDSA. It is noteworthy that the substance may also be considered to be analogue of methamphetamine and therefore could also be considered to fall
under the heading “Methamphetamine (N,α-dimethylbenzeneethanamine), its salts, derivatives, isomers and analogues and salts of derivatives, isomers and analogues” of item 18 of Schedule I to the CDSA.

**Recommendation:** 4-fluoromethamphetamine is included under item 1 of Schedule III to the CDSA and is a controlled substance. It may also be considered controlled under item 18 of Schedule I to the CDSA.

**Date:** June 14, 2011