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

Substance: Tryptamine derivatives (see attached list)

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):

• None of the 42 tryptamine derivatives are salts of etryptamine, N,N-diethyltryptamine (DET) or N,N-dimethyltryptamine (DMT) and therefore are not included under Schedule III to the CDSA.

Prepared by: ________________________________ Date: April 7th 2011
Evelyn Soo

Verified by: ________________________________ Date: __________
Kim Barber

Approved by: ________________________________ Date: __________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by:
Drug Status Report

**Drug:** N,N-Dibutyltryptamine; 2,alpha-Dimethyltryptamine; alpha,N-Dimethyltryptamine; N-Ethyl-N-isopropyltryptamine; N,N-Dibutyl-4-hydroxytryptamine; N,N-Diethyl-4-hydroxytryptamine; N,N-Diisopropyl-4-hydroxytryptamine; N,N-Dimethyl-5-hydroxytryptamine; N,N-Dipropyl-4-hydroxytryptamine; N-Ethyl-4-hydroxy-N-methyltryptamine; 4-Hydroxy-N-isopropyl-N-methyltryptamine; 4-Hydroxy-N-methyl-N-propyltryptamine; 4-Hydroxy-N,N-tetramethylenetryptamine; N-Butyl-N-methyltryptamine; N,N-Diisopropyl-4,5-methylenedioxytryptamine; N,N-Diisopropyl-5,6-methylenedioxytryptamine; N,N-Dimethyl-4,5-methylenedioxytryptamine; N,N-Diisopropyl-5,6-methylenedioxytryptamine; N,N-Diethyl-2-methyltryptamine; N,N-Diethyl-2-methyltryptamine; N,N-Diethyl-5-methoxytryptamine; 4-Isopropyl-4-methoxy-N-methyltryptamine; 5-Methoxy-N-methyltryptamine; 5-Methoxy-N,N-tetramethylenetryptamine; 6-Methoxy-1-methyl-1,2,3,4-tetrahydrocarboline; 5-methoxy-2,N,N-trimethyltryptamine; N,N-Dimethyl-5-methylthiptyramine; N-Isopropyl-N-methyltryptamine; N,N-Dimethyl-5-methoxytryptamine; N,N-Dialllyl-5-methoxytryptamine; N,N-Dibutyl-4-acetoxytryptamine; N,N-Diethyl-4-acetoxytryptamine; N,N-Dimethyl-4-acetoxytryptamine; N,N-Dipropyl-4-acetoxytryptamine; N-Ethyl-4-acetoxy-N-methyltryptamine; 4-Acetoxy-N-isopropyl-N-methyltryptamine; 4-Acetoxy-N-methyl-N-propyltryptamine

Please see attachment for chemical information on the tryptamine derivatives.

**Pharmacological class / Application:** Tryptamine; hallucinogens.

**International status:**

US: None of the substances above are listed specifically in the Schedules to the US *Controlled Substances Act*. However, they may be considered controlled under the analogue provision of the CSA.

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 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: The substances listed above all belong to a class of designer tryptamines, which were first synthesized by Alexander Shulgin and experimented for their potential hallucinogenic properties. None of the 42 tryptamine derivatives are listed specifically in the CDSA. Currently, the only tryptamines that are listed in Schedule III to the CDSA are etryptamine, N,N-diethyltryptamine (DET) and N,N-dimethyltryptamine (DMT) (items 6, 7 and 28 respectively). Since none of these substances are salts of these three tryptamines, they cannot be included under...
Schedule III to the CDSA. It is noteworthy that N,N-dimethyl-4-acetoxytryptamine is also considered a derivative of psilocin, namely O-acetylpsilocin, and was recently reviewed as its fumurate salt. As O-acetylpsilocin is not a salt of psilocin, it was also concluded at the time of the review that the substance cannot be included under item 11 of Schedule III to the CDSA.

**Recommendation:** The 42 designer tryptamines are not included under Schedule III to the CDSA and are not controlled substances.

**Date:** 7 April 2011