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

Substance: Designer trimethoxyamphetamines (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):

• All of the compounds are amphetamines and must be included under Item 1 of Schedule III to the CDSA.

Prepared by: ___________________________ Date: Sept 13th, 2011
Evelyn C Soo

Verified by: ___________________________ Date: ____________
Mark Kozlowski

Approved by: ___________________________ Date: ____________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by:
Drug Status Report

**Drug:** Designer trimethoxyamphetamines. (See Table 1 for chemical information)

**Pharmacological class / Application:** Amphetamines

**International status:**

US: None of the substances 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 in Table 1 are a series of designer trimethoxyamphetamines synthesized by Shulgin, and tested for their potential stimulant/hallucinogenic potential. While none of these designer amphetamines are listed specifically in the CDSA, 2,4,5-trimethoxyamphetamine and 3,4,5-trimethoxyamphetamine are listed specifically as sub-items 1(8) and 1(22) in Schedule III to the CDSA under the heading “Amphetamines, their salts, derivatives, isomers, analogues and salts of derivatives, isomers and analogues”. As these substances are amphetamines as well as positional isomers of the trimethoxyamphetamines listed in the CDSA, the designer trimethoxyamphetamines listed in Table 1 must be included under item 1 of Schedule III to the CDSA.

**Recommendation:** The designer trimethoxyamphetamines listed in Table 1 are included under item 1 of Schedule III to the CDSA and are controlled substances.

**Date:** 13 September, 2011
Table 1: Chemical information of designer trimethoxyamphetamines.

<table>
<thead>
<tr>
<th>Name of Compound</th>
<th>Synonyms</th>
<th>CAS-RN</th>
<th>Chemical Structure</th>
<th>Chemical Formula</th>
</tr>
</thead>
<tbody>
<tr>
<td>TMA-3</td>
<td>2,3,4-Trimethoxyamphetamine</td>
<td></td>
<td><img src="image1" alt="Chemical Structure" /></td>
<td>C12H19NO3</td>
</tr>
<tr>
<td>TMA-4</td>
<td>2,3,5-Trimethoxyamphetamine</td>
<td></td>
<td><img src="image2" alt="Chemical Structure" /></td>
<td>C12H19NO3</td>
</tr>
<tr>
<td>TMA-5</td>
<td>2,3,6-Trimethoxyamphetamine</td>
<td></td>
<td><img src="image3" alt="Chemical Structure" /></td>
<td>C12H19NO3</td>
</tr>
<tr>
<td>TMA-6</td>
<td>2,4,6-Trimethoxyamphetamine</td>
<td></td>
<td><img src="image4" alt="Chemical Structure" /></td>
<td>C12H19NO3</td>
</tr>
</tbody>
</table>