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

Substance: 1,3-Dimethylamine

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

- Controlled ☐
- Not Controlled X

under the schedules of the Controlled Drugs and Substances Act (CDSA) for the following reason(s):

- The substance is not structurally similar to any of those listed in the Schedules to the CDSA.

Prepared by: _______________________________ Date: _______________
Evelyn C Soo

Verified by: _______________________________ Date: _______________
Mark Kozlowski

Approved by: _______________________________ Date: _______________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Bruno Lafontaine, OCS
Drug Status Report

Drug: 1,3-Dimethylamine

Drug Name Status: 1,3-Dimethylamine is the common name.

Chemical Name: N-Methyl-methanamine

Other Names: N,N-Dimethylamine; N-methylmethanamine;

Chemical structure:

\[ \text{H}_3\text{C}^- \text{N}^- \text{CH}_3 \]

Molecular Formula: C\(_2\)H\(_7\)N

Pharmacological class / Application: Fine chemical

CAS-RN: 124-40-3

International status:

US: 1,3-Dimethylamine is not listed specifically in the Schedules to the US Controlled Substances Act and is not mentioned anywhere on US DEA website.

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: 1,3-Dimethylamine is not listed in the schedules to the CDSA. The substance is a chemical reagent and has been used, for example, in the extraction of fatty acids from plasma prior to their analysis by gas chromatography-flame ionization detection (GC-FID). The substance is not structurally similar to any of those listed in the CDSA.

Recommendation: 1,3-Dimethylamine is not included in the Schedules to the CDSA and is not a controlled substance, nor a precursor chemical.

Date: September 13\(^{th}\), 2012.