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

Substance: Lidocaine

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 anaesthetic drug and is not similar in structure to any of those listed in the CDSA.

Prepared by: ___________________________ Date: Nov 15th 2010
Evelyn Soo

Verified by: ___________________________ Date: __________
Marianne Tang

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:** Lidocaine

**Drug Name Status:** Lidocaine is the proper (INN) name.

**Chemical Name:** 2-(diethylamino)-N-(2,6-dimethylphenyl)-acetamide

**Other Names:** 2-(diethylamino)-2',6'-acetoxylidide

**Chemical structure:**

![Chemical structure of Lidocaine](image)

**Molecular Formula:** $C_{14}H_{22}N_2O$

**Pharmacological class / Application:** Anaesthetic

**CAS-RN:** 137-58-6

**International status:**

US: Lidocaine is not listed specifically in the schedules to the CSA. The substance however has been reported on the DEA website to be found in “Ectasy mimic tablets”\(^1\) and in “cocaine mimic bricks”\(^2\).

United Nations: The substance is 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: Lidocaine is a common anaesthetic drug\(^3\) and is not listed specifically in the CDSA. The substance is not structurally similar to any of the substances included in the Schedules to the CDSA.

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\(^1\) [http://www.justice.gov/dea/programs/forensicsci/microgram/mg0206/mg0206.pdf](http://www.justice.gov/dea/programs/forensicsci/microgram/mg0206/mg0206.pdf)

\(^2\) [http://www.justice.gov/dea/programs/forensicsci/microgram/mg0507/mg0507.html](http://www.justice.gov/dea/programs/forensicsci/microgram/mg0507/mg0507.html)

**Recommendation:** Lidocaine is not included in any of the schedules to the CDSA and is not a controlled substance.

**Date:** 15 November 2010