



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: _____
Evelyn Soo

Date: Nov 15th 2010

Verified by: _____
Marianne Tang

Date: _____

Approved by: _____
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

Date: _____

This status was requested by: "third party information removed as per agreement with applicant"

Drug Status Report

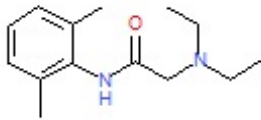
Drug: Lidocaine

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:



Molecular Formula: C₁₄H₂₂N₂O

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 drug³ 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.

¹<http://www.justice.gov/dea/programs/forensicsci/microgram/mg0206/mg0206.pdf>

²<http://www.justice.gov/dea/programs/forensicsci/microgram/mg0507/mg0507.html>

³Baniceru, M. *et al.* (2011) Chromatographic analysis of local anesthetics in biological samples, J. Pharm. Biomed. Anal. **54**:2-12.

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

Date: 15 November 2010