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

Substance: Articaine

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 an anaesthetic drug and is not similar in structure to any of those listed in 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: Lorraine D Souza, QPIC- NRSS
Drug Status Report

Drug: Articaine

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

Chemical Name: (RS)-methyl 4-methyl-3-(2-propylaminopropanoylamino)thiophene-2-carboxylate

Other Name: 4-Methyl-3-[2-(propylamino)propionamido]-2-thiophenecarboxylic acid methyl ester; Hoe 045;

Chemical structure:

![Chemical Structure](image)

Molecular Formula: C_{13}H_{20}N_{2}O_{3}S

Pharmacological class / Application: Anaesthetic

CAS-RN: 23964-57-0

International status:
US: Articaine is not listed specifically in the Schedules to the US Controlled Substances Act and is not mentioned anywhere on the 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: Articaine is not listed in the Schedules to the CDSA. Articaine is a local anaesthetic drug used in dentistry and considered an ethical drug under the Food and Drugs Regulations. The substance is not structurally similar to any of the substances included in the Schedules to the CDSA.

Recommendation: Articaine is not included in the schedules to the CDSA and is not a controlled substance.

Date: December 4th, 2012.