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

Substance: Mandrake

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 the substances included in the schedules to the CDSA.

Prepared by: __________________________________ Date: ________________

Vincent Marleau

Verified by: ________________________________ Date: ________________

Mark Kozlowski

Approved by: ________________________________ Date: ________________

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Steven Schroeder
Drug Status Report

Drug: Mandrake

Drug Name Status: *Mandragora officinarum* is the proper name.

Chemical Name: N/A

Molecular Formula: N/A

CAS-RN: 90063-85-7

Pharmacological class / Application: Plant

International status:

US: Mandrake 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: Mandrake is not listed in the schedules to the CDSA. The substance is an ancient plant representing magic powers. More than 80 compounds have been identified in this plant, such as alkaloids, volatile and odor compounds, pigments and lipids as well as coumarins. For example, mandrake contains substances which are not controlled under the CDSA such as atropine, hyoscyamine, apoatropine and scopolamine.¹ None of the substances identified in the plant are similar to any of those in the CDSA therefore mandrake is considered not controlled.

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

Date: May 9th, 2012.