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

Substance: Calea zacatechichi

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 plant does not contain any substances that are similar to those included in the Schedules to the CDSA.

Prepared by: ____________________________ Date: September 15, 2011
Evelyn C Soo

Verified by: ____________________________ Date: __________
Mark Kozlowski

Approved by: ____________________________ Date: __________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: OCS-BSC; Travis
Drug Status Report

**Drug:** Calea zacatechichi

**Drug Name Status:** *Calea zacatechichi* is the proper name.

**Other Names:** Dream Herb, Bitter Grass

**Chemical structure:** N/A

**Molecular Formula:** N/A

**Pharmacological class / Application:** Hallucinogenic plant

**CAS-RN:** N/A

**International status:**

**US:** Calea zacatechichi is not listed in the 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:** Calea zacatechichi is not listed in the schedules to the CDSA. The substance is a plant which has been reported to be used by indigenous cultures of Mexico for medicinal purposes\(^1\). The substance is claimed to display psychoactive\(^2\) and anti-inflammatory properties\(^3\) and contain various sesquiterpene lactones and flavonoids including 5-hydroxy-7,4'-dimethoxyflavone, acetylerioflorine, zexbrevine and Caleine E and F. None of these substances are not structurally similar to any of those included in the schedules to the CDSA.

**Recommendation:** Calea zacatechichi is not included in the schedules to the CDSA and is not a controlled substance.

**Date:** Sept 15th, 2011

