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

Substance: Anadenanthera peregrina seeds

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

- Controlled  X
- Not Controlled  ☐

under the schedules of the Controlled Drugs and Substances Act (CDSA) for the following reason(s):

- The seeds contain dimethyltryptamine which is listed item 1 in Schedule III to 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: Annie Le Bel, Inspectorate
Drug Status Report

Drug: *Anadenanthera peregrine* seeds

Drug Name Status: ‘Yopo seeds’ is the common name.

Chemical Name: N/A

Chemical structure: N/A

Molecular Formula: N/A

Pharmacological class / Application: Plant seeds

International status:

US: *Anadenanthera peregrine* 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: *Anadenanthera peregrine* is not listed in the schedules to the CDSA. The tree belongs to the *Anadenanthera* genus, found in the tropic zones of South America and the West Indies. The seeds and fruit of *Anadenanthera peregrine* have been reported in the scientific literature to contain dimethyltryptamine (DMT) and bufotenin as the primary psychoactive compounds, although the stem, bar and pods also contain a number of other tryptamines. DMT is currently listed as item 7 “N,N-Dimethyltryptamine (DMT) (3-[(2-dimethylamino)ethyl]indole) and any salt thereof” in Schedule III to the CDSA. As the seeds of *Anadenanthera peregrine* contain DMT, they must be included under item 7 of Schedule III to the CDSA.

Recommendation: *Anadenanthera peregrine* seeds are included under item 7 of Schedule III to the CDSA and are controlled substances.

Date: November 9, 2012.

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