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

Substance: Arecoline hydrobromide

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):

• Arecoline hydrobromide is not similar to any of the substances listed in the CDSA.

Prepared by: ________________________________ Date: February 7th, 2012

Vincent Marleau

Verified by: ________________________________ Date: __________

Mark Kozlowski

Approved by: ________________________________ Date: __________

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: “third party information removed as per agreement with applicant”
Drug Status Report

Drug: Arecoline hydrobromide

Drug Name Status: Arecoline hydrobromide is the common name

Chemical Name: 3-Pyridinecarboxylic acid, 1,2,5,6-tetrahydro-1-methyl-, methyl ester, hydrobromide (9CI)

Other Names: Nicotinic acid, 1,2,5,6-tetrahydro-1-methyl-, methyl ester, hydrobromide; Arecoline HBr; N-Methyltetrahydronicotinic acid methyl ester hydrobromide.

Chemical structure:

![Chemical structure of Arecoline hydrobromide]

Molecular Formula: C₈H₁₃NO₂·HBr

Pharmacological class / Application: Alkaloid

CAS-RN: 300-08-3

International status:

US: Arecoline hydrobromide is not listed in 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: Arecoline hydrobromide is not specifically listed in the schedules to the CDSA. Arecoline has been reported in the scientific literature to be a major alkaloid in areca nut and it is not structurally similar to any of the substances included in the schedules to the CDSA.

Recommendation: Arecoline hydrobromide is not included in any of the Schedules to the CDSA and is not a controlled substance.

Date: February 7th, 2012.