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

Substance: rac N-Acetyl ephedrine

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 substance is a derivative of ephedrine and cannot be included under item 4 of Schedule VI to the CDSA.

Prepared by: ___________________________ Date: October 19th, 2011
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:** rac N-Acetyl ephedrine

**Drug Name Status:** rac N-Acetyl ephedrine is the common name.

**Chemical Name:** (R,S)-N-(2-Hydroxy-1-methyl-2-phenylethyl)-N-methylacetamide

**Other Names:** erythro-N-(beta-Hydroxy-alpha-methylphenethyl)-N-methylacetamide; N-Acetylephedrine.

**Chemical structure:**

![Chemical structure image]

**CAS RN:** 5661-42-7

**Pharmacological class / Application:** Ephedrine derivative

**International status:**

US: rac N-Acetyl ephedrine is not listed on 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: rac N-Acetyl ephedrine is a derivative of ephedrine and is not listed specifically in the CDSA. Currently, ephedrine is listed as item 4 in Part 1 of Schedule VI of the CDSA as “Ephedrine (erythro-2-(methylamino)-1-phenylpropan-1-ol), its salts and any plant containing ephedrine or any of its salts”. However, as a derivative of ephedrine, rac N-Acetyl ephedrine is not captured under item 4 of Part 1 of Schedule VI to the CDSA and is not considered a controlled substance.

**Recommendation:** rac N-Acetyl ephedrine is not included in the Schedules to the CDSA and is not a controlled substance.

**Date:** October 19th, 2011