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

Substance: Ephedrine Sulfate

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 substance is a salt of ephedrine and is included under item 4 of Schedule VI to the CDSA.

Prepared by: _______________________________ Date: ________________
Zack Li

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: Ephedrine sulfate

Drug Name Status: Ephedrine sulfate is the common name.

Chemical Name: Bis((R-(R*,S*))-beta-hydroxy-alpha-methylphenethyl)methylammonium sulphate

Other Names: Benzenemethanol, alpha-((1S)-1-(methylamino)ethyl)-, (alphaR)-, sulfate (2:1); 1-Phenyl-2-methylamine-propanol-1-sulfate; 1-alpha-(1-(Methylamino)ethyl)benzyl alcohol sulfate

Chemical structure:

![Chemical structure of Ephedrine sulfate]

Molecular Formula: C_{10}H_{15}NO_{5}S

Pharmacological class / Application: Ephedrine salt

CAS-RN: 134-72-5

International status:

US: Ephedrine, its salts, optical isomers and salts of optical isomers are listed specifically in List I Regulated Chemicals in the US Controlled Substances Act.

United Nations: Ephedrine and its salts are listed in Red List - List of Precursors and Chemicals Frequently Used in the Illicit Manufacture of Narcotic Drugs and Psychotropic Substances under International Control.

Canadian Status: Ephedrine sulfate is listed specifically in the CDSA. The substance is a salt of ephedrine, which is currently listed as item 4 in Part 1 of Schedule VI to the CDSA under the heading “Ephedrine (erythro-2-(methylamino)-1-phenylpropan-1-ol), its salts and any plant containing ephedrine or any of its salts”. As a salt of ephedrine, ephedrine sulfate must also be included item 4, Part 1 of Schedule VI to the CDSA.

Recommendation: Ephedrine sulfate is included under item 4, Part 1 of Schedule VI to the CDSA and is a Class A precursor.

Date: June 26, 2012.