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

Substance: Hematoporphyrin

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 fluorescent label and is not similar to any substance included in the CDSA.

Prepared by: __________________________ Date: Nov 26th 2010

Evelyn Soo

Verified by: __________________________ Date: __________

Marianne Tang

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:** Hematoporphyrin

**Drug Name Status:** Hematoporphyrin is the common name.

**Chemical Name:** 7,12-Bis(1-hydroxyethyl)-3,8,13,17-tetramethyl-21H,23H-porphine-2,17-dipropanoic acid

**Chemical structure:**

![Chemical Structure Image]

**Molecular Formula:** $C_{34}H_{38}N_4O_6$

**Pharmacological class / Application:** Porphyrin; fluorescent label

**CAS-RN:** 553-11-7 (17696-69-4 - Dihydrochloride)

**International status:**

US: Hematoporphyrin is not listed specifically in the schedules to the CSA 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 nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Hematoporphyrin is a fluorescent label used for clinical imaging purposes.$^{1,2}$ The substance is not currently listed in the CDSA and is not similar to any of the substances included in the Schedules.

**Recommendation:** Hematoporphyrin is not included in any of the schedules to the CDSA and is not a controlled substance.

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Date: 26th November 2010