Health Canada
Santé Canada

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

Substance: Chloromorphide

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 derivative of morphine and must be included under item 1 of Schedule I 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

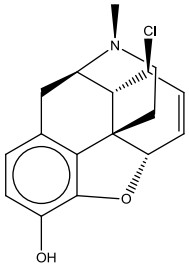
Drug: Chloromorphide

Drug Name Status: Chloromorphide is the common name.

Chemical Name: Morphinan-3-ol, 8-beta-chloro-6,7-didehydro-4,5-alpha-epoxy-17-methyl-

Other Names: 8-Chloro-6,7-didehydro-4,5-epoxy-17-methylmorphinan-3-ol; beta-Chloromorphide

Chemical structure:



Molecular Formula: $C_{17}H_{18}ClNO_2$ **CAS-RN:** 60048-95-5

Pharmacological class / Application: Pharmaceutical-related substance

International status:

US: Chloromorphide 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: Chloromorphide is not listed specifically in the CDSA. The substance is a derivative of morphine, which is currently listed as sub-item 1(3) “Morphine (7,8–didehydro–4,5–epoxy–17–methylmorphinan–3,6–diol)” in Schedule I to the CDSA under the heading “Opium Poppy, its preparations, derivatives, alkaloids and salts”. As a derivative of morphine, chloromorphide must be included under item 1 of Schedule I to the CDSA.

Recommendation: Chloromorphide is included in item 1 of Schedule I to the CDSA and is a controlled substance.

Date: July 5th, 2012.