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

Substance:  Guggulsterone (pregna-4,17-diene-3,16-dione)

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

Controlled
Not Controlled  X

under the schedules of the Controlled Drugs and Substances Act (CDSA) for the following reason(s):

• this drug is currently not listed specifically on the CDSA.
• its structure is not similar to any substance on the schedules to the CDSA.

Supporting document(s) attached: X

Prepared by:  ___________________________  Date:  2005-06-13
TIANA BRANCH

Verified by:  See email  ___________________________  Date:  2005-06-10
MICHAEL LABELLE

Approved by:  ___________________________  Date:  2005-06-13
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES
**Drug Name Status:** Guggulsterone is the common name; no INN or USAN has been assigned.

**Chemical Name:** Pregna-4,17-diene-3,16-dione

**Chemical structure:**

![Chemical structure of Guggulsterone](image)

**Molecular Formula:** C_{21}H_{28}O_{2}

**Pharmacological class / Application:** Antilipemic agent

**International status:**

US: The drug is not currently listed on the US Controlled Substances Act and is not mentioned on the DEA website.

United Nations: The drug is not listed on the Yellow List - List of Narcotic Drugs under International Control. The drug is not listed on the Green List - List of Psychotropic Substances under International Control.

Canadian Status: The drug is currently not listed specifically on the CDSA. The structure of the substance is not similar to any substance on the schedules to the CDSA.

**Recommendation:** Based on the information available, guggulsterone is not currently included in the schedules to the CDSA.