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

Substance:  Quercetin

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):

- 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.

Supporting document(s) attached: X

Prepared by:  ________________________________  Date:  2005-06-20
TIANA BRANCH

Verified by:  See email  ________________________________  Date:  2005-06-15
MICHAEL LEBELLE

Approved by:  ________________________________  Date:  
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES
Drug Status Report

**Drug:** Quercetin

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

**Chemical Name:**
2-(3,4-Dihydroxyphenyl)-3,5,7-trihydroxy-4H-1-benzopyran-4-one

**Other names:** Meletin; 3,3′,4′,5,7-Pentahydroxyflavone; sophoretin

**Chemical structure:**

![Chemical Structure of Quercetin](image)

**Molecular Formula:** $C_{15}H_{10}O_7$

**Pharmacological class / Application:** Inhibitor of a number of tyrosine kinases

**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, quercetin is not currently included in the schedules to the CDSA.