



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

Substance: 2-chlorobenzoylacetonitrile

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 not included in the schedules to the CDSA and is not structurally similar to any of the substances listed in the Schedules to the CDSA.

Prepared by: \_\_\_\_\_  
Victoria-Magali Zelaya

Date: 2010-08-06

Verified by: \_\_\_\_\_  
Marianne Tang

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_  
DIRECTOR, OFFICE OF  
CONTROLLED SUBSTANCES

Date: \_\_\_\_\_

**This status was requested by:** "third party information removed as per agreement with applicant"

## Drug Status Report

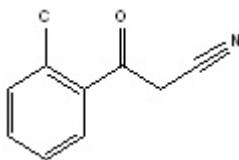
**Drug:** 2-chlorobenzoylacetonitrile

**Drug Name Status:** 2-chlorobenzoylacetonitrile is the chemical name.

**Chemical Name:** 2-chlorobenzoylacetonitrile

**Other Names:** 3-(2-chlorophenyl)-3-oxopropanenitrile

**Chemical structure:**



**Molecular Formula:** C<sub>9</sub>H<sub>7</sub>ClNO

**Pharmacological class / Application:** Fine Chemical

**CAS-RN:** 40018-25-5

**International status:**

**US:** The substance is not listed specifically in 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:** 2-chlorobenzoylacetonitrile is a reagent used in organic synthesis reactions and is claimed to be a starting material in the synthesis of Clotiazepam. The substance is not included in the schedules to the CDSA and is not structurally similar to any of the substances listed in the Schedules to the CDSA.

**Recommendation:** 2-chlorobenzoylacetonitrile is not included in the schedules to the CDSA and is not a controlled substance.

**Date:** August 6th 2010