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

Substance: Dicalcium phosphate

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 substance does not display any structural similarity to those included in the schedules to the CDSA.

Prepared by: __________________________  Date: ________________
Vincent Marleau

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: Dicalcium phosphate

Drug Name Status: Dicalcium phosphate is the common name.

Chemical Name: Calcium hydrogen phosphate

Other Names: Calcium monohydrogen phosphate anhydrous; Calcium phosphate dibasic anhydrous; Calcium hydrogen orthophosphate; Calcium hydrogen phosphate; EINECS 231-826-1.

Chemical structure:

\[
\begin{align*}
\text{Ca}^2+ & \\
\text{OH} & \\
\text{P} & \\
\text{O} & \\
\text{O} & \\
\end{align*}
\]

Molecular Formula: CaH₃PO₄

CAS-RN: 7757-93-9

Pharmacological class / Application: Fine chemical

International status:

US: Dicalcium phosphate 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: Dicalcium phosphate is not listed in the schedules to the CDSA. The substance is used in a variety of applications, ranging from its use as an animal feed supplement to its use in the synthesis of biomaterials.¹ The substance is prepared from phosphoric acid and calcium carbonate.² It is not structurally similar to any substance listed in the CDSA.

Recommendation: Dicalcium phosphate is not included under the schedules to the CDSA and is not a controlled substance.

Date: August 7th, 2012.