Health Canada Santé Canada

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

Substance: GTA - Forte II

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 product does not contain any substances similar to those listed in the Schedules to the CDSA.

Prepared by: _____ Date: July 28th, 2011
Vincent Marleau

Verified by: _____ Date: _____
Mark Kozlowski

Approved by: _____ Date: _____
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Jacqueline Oddi

Drug Status Report

Drug: GTA - Forte II

Drug Name Status: GTA - Forte II is the product name.

Canadian Status:

GTA - Forte II is a dietary supplement manufactured by Biotics Research[1] and is claimed to consist of the following ingredients:

- Zinc
- Selenium
- Copper
- Rubidium
- Porcine glandular concentrate
- Superoxide Dismutase
- Catalase

Zinc, copper, selenium and rubidium are all heavy metals and are not similar to any of the substances listed to the CDSA.

Porcine glandular concentrate refers to an extract obtained from the glands of pigs, though the precise gland is not specified. A review of the literature did not reveal any reports of substances from porcine glands that would be controlled ((e.g. anabolic steroids) and therefore the substance is not considered controlled under the CDSA.

Superoxide dismutase has been reported in the scientific literature to convert superoxide radicals into hydrogen peroxide [2]. The substance is not similar to any of those included in the schedules to the CDSA and is not considered a controlled substance.

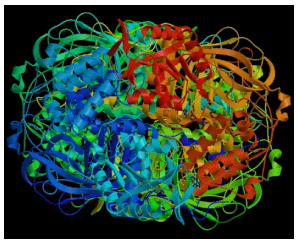
Name: Superoxide dismutase
Synonyms: Copper-zinc superoxide dismutase; Cu/Zn superoxide dismutase
Chemical Structure: N/A
CAS RN: 9054-89-1

[1] http://store.agoodvitamin.com/biregtafoii9.html

[2] Arbi, M. et al. (2011) Hydrogen peroxide is produced by E. coli challenged haemocytes and regulates phagocytosis, in the medfly Ceratitis capitata. The active role of superoxide dismutase, Developmental Comparative Immunol. **35**:865-871.

Catalase is an enzyme which converts hydrogen peroxide into water and oxygen[3]. Enzymes are not included in the schedules to the CDSA thus catalase is not considered a controlled substance.

Chemical Name: Catalase
Synonyms: Caperase; Equilase; Optidase.
Molecular Formula: N/A
CAS-RN: 9001-05-2



Recommendation: GTA - Forte II does not contain any substances similar to those included in the Schedules to the CDSA and is not a controlled substance.

Date: 28th of July, 2011

[3]Chelikano, P *et al*. (2004) Diversity of structures and properties among catalases, Cell. Mol. Life Sci. **61**:192-208.