Drug Status Report

Drug: Human Growth Complex

Drug Status Name: Human Growth Complex is the brand name.

The product is marketed as a supplement for bodybuilding purposes and is claimed to consist of the following:

I - Somatotrophin  
II - IGF-1  
III - Rhus toxicodendron

Chemical Name:
I - Somatotrophin  
II - Insulin-like Growth Factor 1  
III - Toxicodendron pubescens

Other Names:
I - Pituitary growth hormone; Adenohypophyseal growth hormone; anterior pituitary hormone; Growth Hormone  
II - Somatomedin Cl; Sulfation factor C  
III - Poison Ivy

Canadian Status:

Somatotrophin is a polypeptide protein hormone that simulates growth. The substance is on the list of banned substances established by the World Anti-Doping Agency and is regulated under the Food and Drugs Regulations. Somatotrophin is not listed specifically in the CDSA and because the substance is not a steroid, it cannot be included under Item 23 “Anabolic steroids and their derivatives” of Schedule IV to the CDSA.

IGF-1 is a primary mediator of the Growth Hormone and is also considered as a banned substance by the World Anti-Doping Agency. A review of the substance was recently performed and it was not considered to be a controlled substance under the CDSA.

Rhus toxicodendron, which is more commonly known as poison ivy, is used in homeopathy for its anti-inflammatory properties and is considered a natural health product under the Natural Health Product Regulations. The substance is not listed in the CDSA and is not similar to any of the substances listed in the Schedules to the CDSA.

Recommendation: Human Growth Complex does not contain any substances that are included in

the Schedules to the CDSA and is not a controlled substance.

March 17th, 2010