

Drug Status Report

Drug: Superpump 250

Drug Name Status: Superpump 250 is the trade name.

Ingredients:

Glucose Polymer Blend
Creatine Monohydrate
L-Arginine, L-Arginine alpha-Ketoglutarate (A-AKG), L-Arginine Ketoisocaproate (A-KIC)
Guanidino Propionic Acid
Salicylic Acid
American Ginseng Extract.
L-Tyrosine
Caffeine
N-Acetyl-Cysteine; N-Acetyl-Tyrosine
Glucuronolactone
Rhodiola rosea
Ginko Biloba
Vinpocetine
Huperzine
Taurine, L-Leucine, L-Glutamine, L-Valine, L-Isoleucine, L-Citrulline AKG Turkesterone
Choline bitartrate
Trimethylglycine, Indole-3-Carbinol, 4-Hydroxyisoleucine (from Fenugreek Seed Extract),
Cinnamon Bark
Extract (15% cinnamic aldehyde), Bacopa Monniera (Standardized for 20% bacosides A & B).
Potassium Glycerophosphate, Magnesium Glycerophosphate, Alpha Lipoic Acid, Bioperine

Canadian Status:

Glucose Polymer is a sugar.

Creatine is nitrogenous organic acid that occurs naturally in vertebrates and helps to supply energy to muscle and nerve cells.

L-Arginine, L-Arginine alpha-ketoglutarate L-Arginine ketoisocaproate are amino acid derivatives.

Guanidino propionic acid is a competitive inhibitor of creatine uptake¹.

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Salicylic Acid is a topical drug ingredient.

American Ginseng is a common herbal supplement ingredient.

L-Tyrosine, N-Acetyl-Cysteine; N-Acetyl-Tyrosine are amino acid related substances.

Glucuronolactone is a metabolite of glucose produced in the liver.

Rhodiola rosea also known as goldenroot is a plant for which several claims have been made including the treatment of depression and an anti-aging agent.

Ginko Biloba is a common ingredient in herbal supplements.

Vinpocetine is a vasodilator. It has been reviewed previously and is not considered to be a controlled substance.

Huperzine A has been reviewed previously and is not considered to be a controlled substance.

Taurine, L-Leucine, L-Glutamine, L-Valine, L-Isoleucine, L-Citrulline AKG are amino acids and amino acid derivatives.

Turkesterone is one of the ecdysteroids. They currently are not considered to be controlled.

Choline bitartrate is considered to be an essential nutrient.

Trimethylglycine is an amino acid analogue.

Indole-3-carbinol may be derived from eating cruciferous vegetables.

4-Hydroxyisoleucine (from Fenugreek Seed Extract) and Cinnamon bark are foods.

Bacopa Monniera is a perennial, creeping herb whose habitat includes wetlands and muddy shores. Common names include Water Hyssop and brahmi. It has been used in traditional medicines.

Potassium glycerophosphate and magnesium glycerophosphate are supplement sources of phosphate.

Alpha Lipoic Acid has been reviewed previously and is not considered to be a controlled substance.

Bioperine is a proprietary extract from the fruit of *Piper nigrum* L (black pepper) or *Piper longum* L (long pepper).

Recommendation: The ingredients in Superpump 250 are not included in the schedules to the CDSA; Superpump 250 is not a controlled substance.

May 21, 2008