Drug Status Report

**Drug**: Ban Lan Gen

**Drug Name Status**: Ban Lan Gen is the common name.

**Other Names**: *Folium Isatidis, Isatis indigotica* root

Ban Lan Gen is a herbal supplement that is used in traditional Chinese medicine (TCM) and is also known as *Folium Isatidis*.

Ban Lan Gen is also known as Radix is the root of *Isatis indigotica* is used in TCM for the clearing away of heat and detoxification in the treatment of fever, sore throat, influenza, measles and hepatitis\(^1\). Ban Lan Gen has been shown in animal studies to produce antipyretic, antinociceptive and anti-inflammatory effects\(^2\) and over 50 substances have been reported to be present in Ban Lan Gen including organic acids, sucrose, glycosides and alkaloids such as tryptanthrin, indigo and indirubin\(^3\) which are not structurally similar to any of the substances listed in the Schedules to the CDSA.

![Tryptanthrin](image1.png) ![Indigo](image2.png) ![Indirubin](image3.png)

Canadian Status: Ban Lan Gen does not contain any substances similar to those listed on the schedules to the CDSA.

Recommendation: Ban Lan Gen is not a controlled substance.

January 12\(^{th}\) 2010.

\(^1\)http://www.tcm.treatment.com/herbs/0-daqingye-banlangen.htm

\(^2\)Ho, Y-L. and Chang, Y-S. Studies on the antiociceptive, anti-inflammatory and antipyretic effects of Isatis indigotica root, Phytomed. 9:419-424.