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

Substance:  
I - Wild Klip Dagga  
II - Sinichuichi

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 substance is not similar to any of those listed in the CDSA.

Prepared by: ____________________________  Date: **Aug 23rd 2010**

Evelyn Soo

Verified by: ____________________________  Date: __________

Marianne Tang

Approved by: ____________________________  Date: __________

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

**This status was requested by:** Shawna St-Phar on behalf of the CBSA
Drug Status Report

**Drug:** I - Wild Klip Dagga  
II - Sinichuichi

**Drug Name Status:**  
I - *Leonotis nepetifolia*  
II - *Heimia salicifolia* are the proper names.

**Canadian Status:**

Wild Clip Dagga and Sinicuichi are claimed to be ingredients found in a smoking blend named Jamaican Gold\(^1\) and are also brewed as teas and consumed for their stimulant properties\(^2\).

Wild Clip Dagga is a plant more commonly know as *Leonotis nepetifolia*, of the *Leonotis* genus and is indigenous to tropical Africa and southern India. The plant has also been found in northeastern Brazil and shown in the scientific literature to produce cytotoxic effects\(^3\), but the bioactive constituents of the plant is not well documented.

Sinichuichi is a plant which is more commonly known as Heimia salicifolia and is found in Mexico and South America. The plant has been shown in the scientific literature to contain a range of alkaloids such as vertine and nesodine, which have been reported to display hydrodiuretic and antiinflammatory effects\(^4\). Wild Clip Dagga and Sinichuichi are not presently listed in the CDSA and in the case of sinichuichi, does not contain any substances structurally similar to those included in the Schedules to the CDSA.

<table>
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<tr>
<th>Vertine</th>
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| Synonyms: (10alpha)-4",5"-dimethoxy-2'hydroxylythran-12-one; Cryogenine; (10alpha)-2'-hydroxy-4',5'-dimethoxy-lythran–12-one  
| Molecular Formula: $\text{H}_{26}\text{H}_{29}\text{NO}_{5}$  
| CAS-RN: 10308-13-1 |

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\(^1\)http://www.legalbuds.com/legalbud_jamaican_gold.html  
\(^3\)David, JP. *et al.* (2007) Radical scavenging, antioxidant and cytotoxic activity of Brazilian Caatinga plants, Fitoterapia, **78**:215-218.  
**Nesodine**

Synonyms: 2'-Hydroxy-5",6"--dimethoxylthran-12-one  
Molecular Formula: H_{26}H_{29}NO_{5}  
CAS-RN: 34628-60-9

**Recommendation:** Wild Clip Dagga and Sinicuichi are not included in the Schedules to the CDSA and are not controlled substances.

Date: 16\textsuperscript{th} August 2010