





Department of Medical Sciences  
Ministry of Public Health  
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### Results of the Analysis

**Sample from:** Smith Naturals Co., Ltd.  
**Lot No.** SPM-SA-29 C  
**Number of Analysis:** 1383  
**Date:** July 12, 2001

**Characterization of Sample**  
Pale Yellowish White Powder

#### **Acute Toxicity Results**

A toxicity study of Pueraria mirifica powder was investigated using oral administration of a 1:1 suspension of Pueraria mirifica powder and distilled water. A 20 g / kg. dose was administered twice. The second time was 6 hours after the first dose. The total dose was 40 g / kg. Symptoms of acute toxicity were observed and the number of mice dying was recorded everyday, for 14 days.

Observation results showed that Pueraria mirifica powder at 40 g / kg produced no signs or symptoms of acute toxicity in mice and did not cause animal deaths. Therefore the LD<sub>50</sub> value is greater than 40 g / kg.

**Sample from:** Smith Naturals Co., Ltd.  
**Lot No.** SPM-SA-29 E  
**Number of Analysis:** 1383  
**Date:** July 12, 2001

**Characterization of Sample**  
Pale Yellowish White Powder

#### **Acute Toxicity Results**

A toxicity study of Pueraria mirifica powder was investigated using oral administration of a 1:1 suspension of Pueraria mirifica powder and distilled water. A 20 g / kg. dose was administered twice. The second time was 6 hours after the first dose. The total dose was 40 g / kg. Symptoms of acute toxicity were observed and the number of mice dying was recorded everyday, for 14 days.

Observation results showed that Pueraria mirifica powder at 40 g / kg produced no signs or symptoms of acute toxicity in mice and did not cause animal deaths. Therefore the LD<sub>50</sub> value is greater than 40 g / kg.



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### Result of the Analysis

**Sample from:** Smith Naturals Co., Ltd.  
**Number of Analysis:** 980  
**Date:** May 24, 2001

#### **Characterization of Sample**

**Sample 1:** Pueraria mirifica powder Lot No. SPM-SA-25-PE :

- Pale Yellowish White Powder

**Sample 2:** Butea superba powder Lot No. SBS-SA-04-PE

- Yellowish Brown Powder

#### **Acute Toxicity Results**

##### **Sample 1**

A toxicity study of Pueraria mirifica powder was investigated using oral administration of a 1:1 suspension of Pueraria mirifica powder and distilled water. A 20 g / kg. dose was administered twice. The second time was 6 hours after the first dose. The total dose was 40 g / kg. Symptoms of acute toxicity were observed and the number of mice dying was recorded everyday, for 14 days.

Observation results showed that Pueraria mirifica powder at 40 g / kg produced no signs or symptoms of acute toxicity in mice and did not cause animal deaths. Therefore the LD<sub>50</sub> value is greater than 40 g / kg.

##### **Sample 2**

A toxicity study of Butea superba powder was investigated using oral administration of a 1:1 suspension of Butea superba powder and distilled water. A 20 g / kg. dose was administered twice. The second time was 6 hours after the first dose. The total dose was 40 g / kg. Symptoms of acute toxicity were observed and the number of mice dying was recorded everyday, for 14 days.

Observation results showed that Butea superba powder at 40 g / kg produced no signs or symptoms of acute toxicity in mice and did not cause animal deaths. Therefore the LD<sub>50</sub> value is greater than 40 g / kg.