



REPUBLIC OF GHANA
(MINISTRY OF HEALTH)

CENTRE FOR SCIENTIFIC RESEARCH INTO PLANT MEDICINE



WHO COLLABORATING CENTRE FOR RESEARCH & DEVELOPMENT OF TRADITIONAL MEDICINE

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number and date of this
letter should be quoted*

My Ref. No. CPM/

Your Ref. No.

P. O. Box 73,
Mampong-Akuapem
Eastern Region, Ghana.

12th December, 2006
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Soafo Scientific Herbal
Research Centre,
P.O. Box 213,
NKAWKAW

REPORT OF ANALYSIS ON LASSERTLE

Please find attached results of acute toxicity, phytochemical and microbiological analyses of "Lassertle", a herbal medicinal product submitted for testing on 28th September, 2006

Product Type: Shredded leaves/ Tea (Pd/013/06)
Claims on label: High blood pressure, Stroke, Chest pain, Palpitation of heart,
Nervousness, Migraine, Epileptic attacks, Gout, Arthritis,
Nephritis, Angina pectoris, Buzzing ears.

(Dr. A.A. Sittie)
Deputy Director
For: Director

**CENTRE FOR SCIENTIFIC RESEARCH INTO PLANT MEDICINE
PHARMACOLOGY & TOXICOLOGY DEPARTMENT**

NAME OF PRODUCT: Pd/ 013/06

DATE RECEIVED: 4/10/06

DATE OF REPORT: 04/12/06

TEST CONDUCTED: Acute toxicity test

RESULTS:

Species and strain	No. Of animals Sex/group	Route of admin.	Formulation and Dosage	Time of deaths and period of Observation	Approx. lethal dose (LD ₅₀)	Symptoms
Swiss albino rats	9 males; 3 groups (N=3)	Oral	Herbal tea; 3000, 1500 and 750mg/kg	No death occurred during the period of observation; 24 hours of observation.	>3000mg/kg bodyweight	Nil.

REMARKS

The LD₅₀ is greater than 187 times the dosage (two tablespoonfuls thrice daily) indicated by the manufacturer. The recommended dose is thus within an acceptable margin of safety.



J. Asiedu-Larbi
(Head)

PHYTOCHEMISTRY DEPARTMENT-CSRPM

Product I.D.: Pd / 013 / 06 BN 019 / 06
Date received: 04 / 10 / 06
Date of report 16 / 10 / 06

TECHNICAL INFORMATION

(a) Organoleptics

Form: Shredded leaves
Colour: Green
Odour: Aromatic

(b) Physicochemical data


pH (1% Aq. Ext.) = 5.78 at 24.1 °C
Net Weight = 322.75 ± 3.26 % w/v
Total Water Extractive = 6.19 ± 2.81 % w/w

Major chemical constituents: Reducing sugars and phenolic compounds.

REMARKS

The presence of reducing sugars and phenolic compounds indicates that the product is plant base.

pH of the product falls within the acceptable range of 4.0-10.0.


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Dr. George Duker-Eshun
(Head)

