



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
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My Ref. No.

Your Ref. No.

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

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

REPORT OF ANALYSIS ON ESTROGENIC

Please find attached results of acute toxicity test, phytochemical and microbiological analysis of “**Estrogenic**”, a herbal medicinal product submitted for testing on 28th September, 2006.

Product Type: Shredded leaves (Pd/012/06)
Claims on label: Promotes hormonal balance in women, Vaginism & Frigidity,
Depression, Asthenia, Low blood pressure, Excessive perspiration,
Diabetes.

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

PHYTOCHEMISTRY DEPARTMENT-CSRPM

Product I. D.: Pd / 012 / 06 BN 019 / 06
Date received: 16 / 10 / 06
Date of report 02 / 11 / 06

TECHNICAL INFORMATION

(a) Organoleptics

Form: Shredded leaves

Colour: Brownish-green

(b) Physicochemical data

pH (1% Aq. Ext.) = 6.81 at 24.3 °C

Net Weight = 222.14 ± 17.50

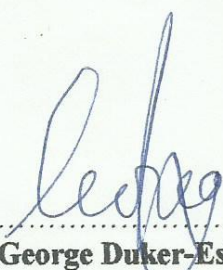
Total Water Extractive = 22.67 ± 1.33 % w/w

Major chemical constituents: Reducing sugars, saponins and polyamides.

REMARKS

The presence of reducing sugars, saponins and polyamides 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)

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

NAME OF PRODUCT: Pd/ 012/06

DATE RECEIVED: 04/10/06

DATE OF REPORT: 06/12/06

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; 3500, 1750 and 875mg/kg	No death occurred during the period of observation; 24 hours of observation.	>3500mg/kg bodyweight	Nil.

REMARKS

The LD₅₀ is greater than 218 times the dosage (six tablespoonfuls daily) indicated by the manufacturer . The recommended dose is thus within acceptable margin of safety.



J. Asiedu-Larbi
(Head)