



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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*In case of reply, the
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.

25th January, 2007

Soafo Scientific Herbal Research Centre
P.O. Box 213
NKAWKAW

REPORT OF ANALYSIS ON ROOTS & BARKS POWDER

Please find attached results of acute toxicity test, phytochemical and microbiological analyses of "**Roots & Barks Powder**" a herbal medicinal product submitted for testing on 2nd October, 2006

Product Type: Powder (Pd/014/06)
Claims on label: Prostrate affliction, Haemorrhoids (Piles), Varicose veins, & Ulceration, Urinary infection, Sterility, Waist pains, Sexual incapability.

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



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

NAME OF PRODUCT: Pd/ 014/06

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 powder; 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 372 times the dosage (two tablespoonfuls thrice daily) indicated by the manufacturer . The recommended dose is thus within acceptable margin of safety.



J. Asiedu-Larbi
(Head)

PHYTOCHEMISTRY DEPARTMENT-CSRPM

Product I. D. : Pd / 014 / 06 BN 019 / 06
Date received: 04 / 10 / 06
Date of report 14 / 12 / 06

TECHNICAL INFORMATION

(a) **Organoleptics**

Form: Powder
Colour: Brown
Odour: Aromatic


(b) **Physicochemical data**

pH (1% Aq. Ext.) = 3.29 at 26.9 °C
Net Weight = 278.74 ± 26.70 g
Total Water Extractive = 9.45 ± 4.05 % w/w

Major chemical constituents: Reducing sugars and saponins.

REMARKS

The presence of reducing sugars and saponins indicates that the product is plant base. pH of the product falls outside the acceptable range of 4.0 -10.0. The product should not be taken on an empty stomach.


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Dr. George Duker-Eshun
(Head)

