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Botswana Police Service

Forensic Science Lab
P.O. Box 1082
Gaborone.

AFFIDAVIT

Station: Broadhurst
Inquest No: 6/03
Lab. No: T12/03

I, **MODISE MOLALE** make oath and state that:

1. I have the following qualifications:

- 1.1 **B.Sc. Chemistry – University of Botswana (1992)**
- 1.2 **Postgraduate Diploma in Forensic Science – University of Strathclyde (UK - 1997)**
- 1.3 **Certified and Approved calibrator for Lion Intoxilyser 1400 and Lion SD2 breathalysers.**
- 1.4 **Certified and Approved Calibrator for Drager Alcotest 7110 Mk III**

2. I am a **Forensic Scientist** employed by the Government of the Republic of Botswana under the Ministry for State President at the Police Forensic Laboratory in Gaborone. I have been in this position since September 1995 following completion of the **Police Recruit Course at the Botswana Police College**. I have undergone in-service training in the various chemical techniques and instrumental methods used in the forensic sciences.

I have in addition attended the following short courses:

Counterfeit Currency Detection Seminar under the auspices of the United States Secret Service. This covered all the aspects of currency manufacturing including the paper, ink and security feature process.

Signed:

Date: ...23/07/03.....

I have previously worked in Drug Residues Section of the National Veterinary Laboratory in Sebele and during this time attended an international workshop **Laboratory Instrument Technology** covering the principles of chemical metrology.

In addition I have participated in several seminars, workshops and conferences in the area of forensic and analytical chemistry.

These seminars and workshops have broadened my appreciation and knowledge of techniques and methods in my field of specialization.

In all I have a total of 10 years experience in the area of chemical analysis.

My duties include analysis of drugs, paint, suspected poisons and calibration of breathalyzers.

3. The Laboratory records show that on **20/05/2003** at **1535hrs** the exhibits described below at **3.7** were received from **Insp. Kelapile** and registered as **T12/03**. On the **27/6/03** the exhibits at **3.1 to 3.6** were received from **Insp. Kelapile** by **Mr Mogodiri** and registered as part of **T12/03**. I received the exhibits for analysis from **Mr Mogodiri** on the **9/7/03**.
- 3.1 A small Botswana Police evidence envelope sealed with seal numbers (**032602, 032601**) and labelled amongst others **Police Station: Broadhurst ; Victim: Calvin Kamanakao; Description: Cloth from shirt submitted as T12/03 and labelled as stain (a).**
Contents: a piece of white cloth with some pale yellowish stains.
- 3.2 A small Botswana Police evidence envelope sealed with seal numbers (**032607, 0032608**) and labelled as in 3.1 above as well as, **Description: Cloth from shirt submitted as T12/03 and labelled as stain (b).**
Contents: A piece of blue and white cloth.
- 3.3 A small Botswana Police evidence envelope sealed with seal numbers (**032609, 032610**) and labelled as in 3.1 above as well as **Description: Cloth taken from shirt and submitted as stain (c).**
Contents: A piece of blue and white cloth.
- 3.4 A small Botswana Police evidence envelope sealed with seal numbers (**032587, 032588**) and labelled as in 3.1 above as well as **Description: Cloth from jacket and submitted as stain 1.**
Contents: A piece of black and white striped cloth with some pale whitish stains.

Signed:

Date: **28/07/03**

- 3.5 A small Botswana Police evidence envelope sealed with seal numbers (032599, 032600) and labelled as in 3.1 above as well as **Description: Cloth from jacket stains 3 and 4.**
Contents: A piece of black and white striped cloth with some pale whitish stains
- 3.6 A small Botswana Police evidence envelope sealed with seal numbers (032591, 032592) and labelled as in 3.1 above as well as **Description: Cloth with stain from jacket and submitted as stain 2.**
Contents: A piece of black and white striped cloth with some pale whitish stains.
- 3.7 A plastic sample bottle with a B.P 179 tag attached and labelled **Station: B/hurst; Inq.6/03; Date lodged: 7/5/03.**
Contents: a brownish viscous stomach contents material.
- 4.0 I was requested to perform a toxicological analysis on the exhibits.

5.0 ANALYSIS AND RESULTS

The stomach contents were subjected to systematic toxicological extraction and the extracts analysed by the technique of **Gas Chromatography-Mass Spectrometry.**

A presumptive test for blood (Kastle-Meyer) was performed on the stains on the pieces of cloth at **3.1; 3.2 and 3.4.** No other analysis was done on the pieces of cloth.

5.1 Gas Chromatography- Mass Spectrometry


The drug Ibuprofen was detected in extracts of stomach contents.
No other substance of toxicological significance was detected.

5.2 Presumptive tests for blood - Kastle Meyer test

All the stains tested were positive for the presence of blood.

6.0 CONCLUSION AND COMMENT


There is possibility of the deceased having taken the drug Ibuprofen.(analgesic/a pain killer. The stains on the pieces of cloth are due to blood.
It was evident that from the pieces of cloth submitted that the clothes had been washed prior to submission to the laboratory. This is clearly a drawback in that the possibility of loss of other evidence if any is very high.

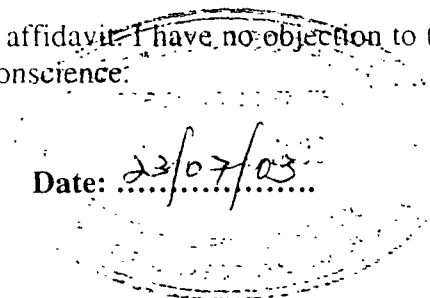
Signed: 

Date: 23/07/03

Clothes and any exhibits that form part of an enquiry should be collected and preserved as soon as possible to avoid such a situation from occurring. In addition all such exhibits should be submitted at the same time to the laboratory. This was clearly not done for this case and the evidential integrity of the clothes was very much compromised.

7.0 I know and understand the contents of this affidavit. I have no objection to taking the prescribed oath to be binding on my conscience.

Signed:.....

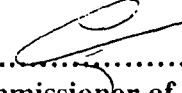
Date: 22/07/03.....

M. Molale

The deponent has acknowledged that he knows and understands the contents of this affidavit which was sworn to before me at the Forensic Science laboratory on the 23rd day of July 2003

Rank: 0/5/1.....

Name: 


Commissioner of Oaths