**Title page**

**Authors:**  
Corresponding author: L du Toit-Prinsloo

Co-Authors: U Ehmke

C Deysel

J Jordaan

G Saayman

**Title:**

**Blood alcohol concentrations derived from deceased persons during medico-legal autopsy in South Africa: Are the results valid?**

**Affiliation and addresses of the authors:**

U Ehmke: MSc student; University of Pretoria; Department of Forensic Medicine, Private Bag X323, Arcadia, 0007 SOUTH AFRICA

BSc; BSc(hons) medical criminalistics, MSc (medical criminalistics)

L du Toit-Prinsloo: Specialist / Lecturer; University of Pretoria; Department of Forensic Medicine, Private Bag X323, Arcadia, 0007 SOUTH AFRICA

MBChB; DipForMed(SA)Path; FCForPath(SA); MMed(Path)(Forens)

C Deysel: Assistant Director: Forensic Analyst, Labware LIMS Administrator

Forensic Chemistry Laboratory 271 Visagie Street, Pretoria

BSc (biochemistry and chemistry)

J Jordaan: Research consultant; University of Pretoria; Department of Statistics, Private Bag X20, Hatfield, 0028 SOUTH AFRICA

G Saayman: Chief specialist / Head of Department; University of Pretoria; Department of Forensic Medicine, Private Bag X323, Arcadia, 0007 SOUTH AFRICA

MBChB; MMed(MedForens): FCForPath(SA)

**E-mail address, telephone and fax numbers of the corresponding author:**

L du Toit-Prinsloo

Email: [lorraine.dutoit@up.ac.za](mailto:lorraine.dutoit@up.ac.za)

Telephone numbers: +27 (0)12 323 5298 (work)

+27 (0)83 406 4056 (mobile)

Fax number: +27 (0)12 323 0921

**Key words:**

alcohol, post mortem blood, sample storage, alcohol analysis