

Road Traffic Acts Analysts

Booklet printed Spring 2026

- This booklet should be handed to any person who is likely to have a sample of blood or urine analysed for alcohol.
- Do not put this booklet in the envelope with the blood or urine sample.
- The Royal Society of Chemistry is unable to advise on blood or urine tests. All enquiries should be directed to analysts listed in this booklet.

Introduction

Individuals who choose or are required by the police* to give a specimen of blood or urine will, at the same time, be offered a part of the specimen for their own retention.

This booklet contains a list of Analytical Chemists who are able to either analyse blood and urine specimens to determine the alcohol content and/or undertake back-calculations of breath and blood alcohol levels at relevant times based on a disclosed drinking pattern for use in court.

Please note that if an entry only offers back-calculations then this is for court use only.

*Under the Road Traffic Act 1988, the Road Traffic (Northern Ireland) Order 1995, Road Traffic Offenders Act 1988, Transport and Works Act 1992 or Armed Forces Act 2006.

Although this list was accurate when published, analytical laboratories and their capabilities change from time to time. For an up-to-date list consult the Royal Society of Chemistry website, rsc.li/rta and check the current schedule on the UKAS website www.ukas.com/search-accredited-organisations/

The booklet is published by the Royal Society of Chemistry as a public service. All the analysts on this list are Royal Society of Chemistry members.

The individual named under each practice address is a contact name. It should not be inferred that this is the person who will carry out the analysis or who will attend court should an expert witness be required. These matters will be decided within the practice.

The analyst will prepare a report and send it to the client. In this report, the analyst will note the circumstances and condition in which the specimen was received.

Procedure for obtaining a private analysis of blood and urine specimens

1. Choose an analyst listed in this booklet.
2. BEFORE sending your specimen YOU MUST telephone your chosen analyst to find out:
 - a. If they are able to do the test;
 - b. How much time is required for the test;
 - c. How much you will have to pay.
 - The fees charged for analysing blood or urine specimens can vary.
 - If your chosen analyst is not able to do the test, please contact another analyst from the list.
3. **Deliver the specimen to the analyst as soon as possible**, preferably upon receipt, either in person or by first class recorded or special delivery in a strong protective package.
4. Include your name, address and telephone number with the specimen on an attached slip of paper.

NOTES

- The blood or urine specimen should be kept cool, preferably in a refrigerator, but NOT in the freezing compartment, before being sent.
- It is essential that the envelope provided by the police containing the specimen be unopened.
- DO NOT send the sample to the Royal Society of Chemistry. If you do the sample will be returned to you untested.
- This booklet is updated annually.

An online version can be found at rsc.li/rta

Suitability of the listed analysts is limited to Northern Ireland and Scotland. They should not be assumed for other UK jurisdictions.

The United Kingdom Accreditation Service (UKAS) is the national accreditation body for the United Kingdom. UKAS is recognised by government to assess against internationally agreed standards, organisations that provide certification, testing, inspection and calibration services. In short, UKAS 'checks the checkers' and so accreditation by UKAS demonstrates the competence, impartiality and performance capability of these organisations.

Accredited laboratories that perform testing activities (including blood alcohol testing) are assessed against the requirements of ISO/IEC 17025, the internationally agreed standard that states the general requirements for the competence of testing and calibration laboratories. This means UKAS accredited laboratories have demonstrated competence to carry out specific testing activities and the results can be relied upon.

UKAS currently accredits a number of laboratories across the UK, including blood alcohol, forensic testing and drug analysis. For the most up to date list of accredited organisations, please visit **www.ukas.com**

Analytical Services International

City St George's, University of London, Cranmer Terrace, **LONDON**,
SW17 0RE

Tel 020 8725 2845 Fax 020 8767 9687

Email info@bioanalytics.co.uk

Professor RJ Flanagan CChem FRSC

Consultant Clinical Scientist

Dr Lewis Couchman BSc (Hons), MSc, PhD, FRCPath (Research), MRSC
Facility and Research Director, ASI Group Technical Research Director
UKAS ISO/IEC17025 Accredited Lab number 7641

Analysis for Alcohol in Blood and Urine, alcohol technical defence, and the full
panel of Drugs in Blood listed under Section 5A of the Road Traffic Act 1988

Emmerson Associates

Office 6, Enterprise Centre, Caxton Road, St Ives, PE27 3LS

Tel 01480 460116

Email info@emmerson-forensic.co.uk

Mr I W Parkinson CChem MRSC

Consultant Forensic Scientist

Analyses - Alcohol and Drugs in Blood or Urine

Keith Borer Consultants

Locard House, Belmont Business Park, DURHAM, DH1 1TW

Tel 0191 332 4999

Email kbc@keithborer.co.uk

Dr David Schudel BSc(Hons), PhD, CChem, MRSC

Forensic Scientist

Alcohol and Drugs analysis in Blood and Urine / Alcohol Back
Calculations / Forensic Toxicology including Section 5A/other drugs
analysis and interpretation

Key Forensic Services Ltd

207B / 207C Cavendish Place, Birchwood Park, WARRINGTON, WA3 6WU

Tel 02477 712246

Email sales@keyforensic.co.uk

Mr M J Donohue BSc. (Hons), MCSFS, MRSC, CChem expected spring 2026
UKAS ISO/IEC 17025 2017 Accredited Lab number 10308

Analysis for Alcohol in Blood and Urine, alcohol technical defence, and the full panel of Drugs in Blood listed under Section 5A of the Road Traffic Act 1988. Key Forensics are also able to analyse specimens taken under Section 4 of the Road Traffic Act 1988 - contact them to discuss your requirements

Kingston University Enterprise Ltd (KUEL)

Kingston Analytical Services Toxicology (KAST)

Kingston University, Penrhyn Road, **KINGSTON-UPON-THAMES**, KT1 2EE

Please contact us on our contact portal:

<https://kastforensics.com/our-services/>

Tel 020 8417 2048

Email kast@kingston.ac.uk

Professor J Barker BSc PhD CSci CChem FRSC MCSFS

Forensic Toxicology Consultant

UKAS ISO/IEC 17025 Accredited Lab number 23543

Analysis for Blood and Urine, alcohol technical defence, and the Section 5A controlled drugs panel of the Road Traffic Act 1988. LSD is not included

Toxicology Service

University Hospitals of Leicester NHS Trust, Level 4, Sandringham Building,
Leicester Royal Infirmary, Infirmary Square, **LEICESTER**, LE1 5WW

Tel 0116 258 6556

Email paul.smith183@nhs.net

Dr P R Smith BSc MSc PhD CSci CChem MRSC FRCPath

Consultant Clinical Scientist and Forensic Toxicologist (HCPC registered)

UKAS ISO 15189 Accredited Lab number 8376

Analysis for Alcohol in Blood and Urine

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