



# TOX

## Toxicology

[lgcstandards.com/AXIO](http://lgcstandards.com/AXIO)

ISO/IEC 17043 | ISO/IEC 17025 | ISO 9001



0001

## TOX

### Toxicology

The LGC AXIO Toxicology (TOX) proficiency testing scheme is designed to provide an independent performance assessment of laboratories undertaking clinical and/or forensic toxicological analytical services.

Toxicological analyses may be undertaken on biological specimens, predominantly blood, serum and urine. In general, analyses are undertaken for a range of substances including prescription and nonprescription drugs, illicit drugs and alcohol.

For laboratories performing these analyses, participation in TOX can provide confidence that results are meaningful and accurate. The operation of our TOX scheme is supported by an Advisory Group consisting of members of the professional bodies, scheme participants, and others experienced in the field. The scheme reports on the performance of U.K. participants (who have clinical responsibilities) to the National Quality Assurance Advisory Panels for Chemical Pathology.

**TOX****Toxicology**

Test Material*	Analyte*
<b>Human serum</b>	Ethanol, Paracetamol (Acetaminophen), Salicylic acid.
<b>Human blood</b>	Carboxyhaemoglobin, Ethanol, Paracetamol (Acetaminophen), Salicylic acid.
<b>Urine</b>	Ethanol.
<b>Lyophilised urine</b>	Gammahydroxybutyrate.
<b>Whole blood</b>	Acetone, Ethanol, Ethylene glycol, Isopropyl alcohol, Methanol.
<b>Human serum &amp; urine</b>	Toxicology case studies include various analytes with clinical or forensic scenario.
<b>Whole blood toxicology</b>	Test materials contain analytes which are pre-defined by our Advisory Group and the requests of participants.
<b>Lyophilised human serum</b>	Diazepam, Nitrazepam, Nordazepam, Oxazepam, Temazepam, Zaleplon, Zolpidem, Zopiclone, Alprazolam, Bromazepam, Clonazepam, Lorazepam, Midazolam.

\* The full range and availability of test materials and analytes is determined on an annual basis and may be added or removed. For accredited and non-accredited status please see current application form/scheme description.