FORENSIC

Reference Materials
Catalogue 2026

Forensic

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Forensic

Forensic Ethanol Materials

LGC5409	Aqueous ethanol - 20 mg/100 mL
ERM-AC510	Aqueous ethanol - 50 mg/100 mL
ERM-AC511	Aqueous ethanol - 67 mg/100 mL
LGC5401	Aqueous ethanol - 80 mg/100 mL
LGC5402	Aqueous ethanol - 107 mg/100 mL
LGC5403	Aqueous ethanol - 200 mg/100 mL

Forensic

Forensic Ethanol Materials

Aqueous ethanol – 20 mg/100 mL LGC5409

Batch: 004
Unit size: 50 mL

This material, produced by LGC is a solution of ethanol in water at a nominal concentration of 20 mg/100 mL. Mercury (II) chloride (nominal 0.1 g/L) was added as a preservative.

This material is intended for use as a reference material for the calibration and validation of methods for the determination of ethanol in biological fluids.

UKAS REFERENCE MATERIALS 4005 UKAS CALIBRATION 0423

Certified value:	
Ethanol content	19.9 ± 0.6 mg/100 mL

Aqueous ethanol - 50 mg/100 mL ERM®- AC510

Batch: a
Unit size: 25 mL

This material, produced by LGC is a solution of ethanol in water at a nominal concentration of 50 mg/100 mL. Mercury (II) chloride (nominal 0.1 g/L) was added as a preservative.

This material is intended for use as a reference material for the calibration and validation of methods for the determination of ethanol in biological fluids.

UKAS REFERENCE MATERIALS 4005 UKAS CALIBRATION 0423

Certified value:	
Ethanol content	49.6 ± 0.6 mg/100 mL

Aqueous ethanol - 67 mg/100 mL ERM®- AC511

Batch: a
Unit size: 25 mL

This material, produced by LGC is a solution of ethanol in water at a nominal concentration of 67 mg/100 mL. Mercury (II) chloride (nominal 0.1 g/L) was added as a preservative.

This material is intended for use as a reference material for the calibration and validation of methods for the determination of ethanol in biological fluids.

UKAS REFERENCE MATERIALS 4005 UKAS CALIBRATION 0423

Certified value:	
Ethanol content	66.9 ± 0.6 mg/100 mL

Aqueous ethanol - 80 mg/100 mL LGC5401

Batch: 039
Unit size: 25 mL

This material, produced by LGC, is a solution of ethanol in water at a nominal concentration of 80 mg/100 mL. Mercury (II) chloride (nominal 0.1 g/L) was added as a preservative.

This material is intended for use as a reference material for the calibration and validation of methods for the determination of ethanol in biological fluids.

4005

0423

Certified value:	
Ethanol content	80.1 ± 0.6 mg/100 mL

Aqueous ethanol - 107 mg/100 mL LGC5402

Batch: 026
Unit size: 25 mL

This material, produced by LGC, is a solution of ethanol in water at a nominal concentration of 107 mg/100 mL. Mercury (II) chloride (nominal 0.1 g/L) was added as a preservative.

This material is intended for use as a reference material for the calibration and validation of methods for the determination of ethanol in biological fluids.

4005

0423

Certified value:	
Ethanol content	106.9 ± 0.6 mg/100 mL

Aqueous ethanol – 200 mg/100 mL LGC5403

Batch: 024
Unit size: 25 mL

This material, produced by LGC, is a solution of ethanol in water at a nominal concentration of 200 mg/100 mL. Mercury (II) chloride (nominal 0.1 g/L) was added as a preservative.

This material is intended for use as a reference material for the calibration and validation of methods for the determination of ethanol in biological fluids.

4005

0423

Certified value:	
Ethanol content	199.8 ± 0.7 mg/100 mL

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