



Organisme belge d'Accréditation
Belgische Accreditatieinstelling
Belgische Akkreditierungsstelle
Belgian Accreditation Body

EA MLA Signatory

Certificat d'Accréditation n° 155-TEST

En application des dispositions de l'arrêté royal du 31 janvier 2006 créant BELAC, le Bureau d'Accréditation atteste avoir délivré une accréditation conformément aux exigences de la norme EN ISO/IEC 17025:2017 à:

Universiteit Gent
Sint-Pietersnieuwstraat 25
9000 Gent

L'organisme a démontré posséder la compétence pour effectuer les activités réalisées dans les sites d'activités mentionnés dans la portée d'accréditation 155-TEST qui fait partie intégrante du présent certificat.

La version en vigueur de la portée d'accréditation est disponible via www.belac.be.

Ce certificat reste valable à condition que l'organisme continue de répondre aux conditions d'accréditation.

La Présidente du Bureau d'Accréditation BELAC,

Maureen LOGGHE

Version : 7

Période de validité : 2024-03-26 - 2029-03-25

La version originale de ce certificat est en néerlandais.



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Accreditatiecertificaat nr. 155-TEST

In uitvoering van de beschikkingen van het koninklijk besluit van 31 januari 2006 tot oprichting van BELAC, verklaart het Accreditatiebureau accreditatie conform de eisen van de norm EN ISO/IEC 17025:2017 te hebben verleend aan:

Universiteit Gent
Sint-Pietersnieuwstraat 25
9000 Gent

De instelling heeft aangetoond bekwaamheid te bezitten voor de activiteiten uitgevoerd in de activiteitencentra zoals gespecificeerd in de accreditatiescope 155-TEST die integraal deel uitmaakt van dit certificaat.

De huidige versie van de accreditatiescope is beschikbaar op www.belac.be.

Dit certificaat blijft geldig onder voorwaarde dat de instelling blijft voldoen aan de accreditatievoorwaarden.

De Voorzitster van het Accreditatiebureau BELAC,

Maureen LOGGHE

Versie : 7

Geldigheidsduur : 2024-03-26 - 2029-03-25



Organisme belge d'Accréditation
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Accreditation Certificate No. 155-TEST

In compliance with the provisions of the Royal Decree of 31 January 2006 setting up BELAC, the Accreditation Board hereby declares to have granted accreditation conform the requirements of the standard EN ISO/IEC 17025:2017 to:

Universiteit Gent
Sint-Pietersnieuwstraat 25
9000 Gent

The body demonstrated the competence to perform the activities in the activity sites, as described in the scope of accreditation 155-TEST which is an integral part of the present certificate.

The current version of the scope of accreditation is available at www.belac.be.

This certificate remains valid as long as the body continues to meet the accreditation conditions.

The Chair of the Accreditation Board BELAC,

Maureen LOGGHE

Version : 7

Validity period : 2024-03-26 - 2029-03-25

Original version of this certificate is in Dutch.



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Akkreditierungszertifikat Nr. 155-TEST

Aufgrund der Bestimmungen des königlichen Erlasses vom 31. Januar 2006 zur Gründung von BELAC, bestätigt das Akkreditierungsbüro, gemäß den Vorschriften der Norm EN ISO/IEC 17025:2017, die folgende Stelle akkreditiert zu haben:

Universiteit Gent
Sint-Pietersnieuwstraat 25
9000 Gent

Die Stelle hat ihre Kompetenz für die in den Aktivitätszentren durchgeführten Aktivitäten gemäß dem Geltungsbereich der Akkreditierung 155-TEST, der ein integraler Bestandteil des vorliegenden Zertifikats ist, nachgewiesen.

Die aktuelle Version des Geltungsbereichs der Akkreditierung ist unter www.belac.be verfügbar.

Dieses Zertifikat bleibt unter der Bedingung gültig, dass die Stelle die Akkreditierungsanforderungen weiterhin erfüllt.

Die Vorsitzende des Akkreditierungsbüros BELAC,

Maureen LOGGHE

Fassung : 7

Gültigkeitsdauer : 2024-03-26 - 2029-03-25

Die Originalfassung dieses Zertifikats ist in niederländischer Sprache.



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Bijlage bij accreditatiecertificaat
Annexe au certificat d'accréditation
Annex to the accreditation certificate
Beilage zur Akkreditierungszertifikat

155-TEST

EN ISO/IEC 17025:2017

Versie / Version / Version / Fassung	26
Geldigheidsperiode / Validité / Validity / Gültigkeitsdauer	2024-03-26 - 2029-03-25

Maureen Logghe

Voorzitster van het Accreditatiebureau
La Présidente du Bureau d'Accréditation
Chair of the Accreditation Board
Vorsitzende des Akkreditierungsbüro

De accreditatie werd uitgereikt aan / L'accréditation est délivrée à /
The accreditation is granted to / Die akkreditierung wurde erteilt für:

Universiteit Gent
Sint-Pietersnieuwstraat 25
9000 Gent

Activiteitencentra / Sites d'activités / Sites of activities / Standorte mit aktivitäten:

Dopingcontrolelaboratorium (DoCoLab)	Campus Heymans Ottergemsesteenweg 460 9000 Gent
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Used Abbreviations

GC-MS ⁽ⁿ⁾	Gas Chromatography-Mass Spectrometry (n = number of MS-steps)
HPLC	High Pressure Liquid Chromatography
IEF	IsoElectric Focusing
LC-MS ⁽ⁿ⁾	Liquid Chromatography Mass Spectrometry (n = number of MS-steps)
LLE	Liquid-Liquid Extraction
GC/C/IRMS	Gas Chromatography Combustion Isotope Ratio Mass Spectrometry
SPE	Solid Phase Extraction
SDS	Sodium dodecyl sulfate polyacrylamide gel electrophoresis
SAR	Sarcosyl Page
HRMS	High Resolution Mass Spectrometry
Online SPE	On-Line Solid Phase Extraction

Internal code	Test sample/ Product/ Matrix	Property determined/ Parameter determined/ Type of test *	Standard specifications + Equipment or Techniques used **	Purpose of the method (Initial Testing Procedure (ITP), Qualitative Confirmation Procedure (CP) or quantitative Confirmation Procedure (CP));	Type of method
Flexible scope					
Qualitative method					
1	Human urine	Anabolic Agents	LLE GC-MS ⁿ ; GC-HRMS; LC-MS ⁿ ; LC-HRMS SPE online SPE HPLC purification GC/C/IRMS	Initial Testing Procedure (ITP), Qualitative Confirmation Procedure (CP)	Non-standard
2	Human urine Serum Plasma	Peptide hormones, growth factors, related substances and mimetics	SPE online SPE Immunopurification Ultrapurification IEF (Double) blotting SDS-PAGE SAR-PAGE Chemiluminescent detection LC-MS ⁿ ; LC-HRMS nano-LC	Initial Testing Procedure (ITP), Qualitative Confirmation Procedure (CP)	Non-standard
3	Human urine	β-agonists	SPE online SPE LLE LC-MS ⁿ ; LC-HRMS GC-MS ⁿ ; GC-HRMS	Initial Testing Procedure (ITP), Qualitative Confirmation Procedure (CP)	Non-standard

4	Human urine	Hormone and metabolic modulators	SPE online SPE LLE GC-MS ⁿ ; GC-HRMS LC-MS ⁿ ; LC-HRMS immunopurification, ultrapurification en nano-LC	Initial Testing Procedure (ITP), Qualitative Confirmation Procedure (CP)	Non-standard
5	Human urine	Diuretics and masking agents	SPE online SPE LLE Direct injection LC-MS ⁿ ; LC-HRMS GC-MS; GC-HRMS	Initial Testing Procedure (ITP), Qualitative Confirmation Procedure (CP)	Non-standard
6	Human urine	Stimulants	SPE online SPE LLE Direct injection GC-MS ⁿ ; GC-HRMS LC-MS ⁿ ; LC-HRMS	Initial Testing Procedure (ITP), Qualitative Confirmation Procedure (CP)	Non-standard
7	Human urine	Narcotics	SPE online SPE LLE GC-MS ⁿ ; GC-HRMS LC-MS ⁿ ; LC-HRMS	Initial Testing Procedure (ITP), Qualitative Confirmation Procedure (CP)	Non-standard
8	Human urine	Cannabinoids	SPE online SPE LLE GC-MS ⁿ ; GC-HRMS LC-MS ⁿ ; LC-HRMS	Initial Testing Procedure (ITP), Qualitative Confirmation Procedure (CP)	Non-standard

9	Human urine	Glucocorticosteroids	SPE online SPE LLE LC-MS ⁿ ; LC-HRMS GC-HRMS	Initial Testing Procedure (ITP), Qualitative Confirmation Procedure (CP)	Non-standard
10	Human urine	β-blockers	SPE online SPE LLE GC-MS ⁿ ; GC-HRMS LC-MS ⁿ ; LC-HRMS	Initial Testing Procedure (ITP), Qualitative Confirmation Procedure (CP)	Non-standard
11	Human urine	Confounding factors of the steroid profile (ethanol, inhibitors of 5α- reductase and conazoles).	LLE online SPE LC-HRMS, GC-HRMS, GC-MS ⁿ , LC-MS ⁿ	Initial Testing Procedure (ITP), Qualitative Confirmation Procedure (CP)	Non-standard

Quantitative method					
12	Human urine Serum	Anabolic Agents	SPE LLE GC-MS ⁿ ; GC-HRMS; LC-MS ⁿ ; LC-HRMS; online SPE	Initial Testing Procedure (ITP) or quantitative Confirmation Procedure (CP)	Non-standard
13	Human urine	Diuretics and masking agents	LLE Direct injection LC-MS ⁿ ; LC-HRMS GC-MS; GC-HRMS	Initial Testing Procedure (ITP) or quantitative Confirmation Procedure (CP)	Non-standard
14	Human urine Serum	Peptide hormones, growth factors, related substances and mimetics	Antibody recognition followed by chemiluminescent detection online SPE LC-MS ⁿ ; LC-HRMS	Initial Testing Procedure (ITP) or quantitative Confirmation Procedure (CP)	Non-standard
15	Human urine	β2-agonists	LLE, GC-MS ⁿ ; GC-HRMS LC-MS ⁿ ; LC-HRMS	quantitative Confirmation Procedure (CP)	Non-standard
16	Human urine	Stimulants	Direct injection LC-MS ⁿ ; LC-HRMS	quantitative Confirmation Procedure (CP)	Non-standard
17	Human urine	Narcotics	LLE, GC-MS ⁿ ; GC-HRMS Direct injection, LC-MS ⁿ ; LC-HRMS	quantitative Confirmation Procedure (CP)	Non-standard
18	Human urine	Cannabinoids	LLE, GC-MS ⁿ ; GC-HRMS Direct Injection, LC-MS ⁿ ; LC-HRMS	Initial Testing Procedure (ITP) or quantitative Confirmation Procedure (CP)	Non-standard
19	Human Serum	Peptide hormones, growth factors, related substances and mimetics	online SPE LC-MS ⁿ ; LC-HRMS	Initial Testing Procedure (ITP) or quantitative Confirmation Procedure (CP)	Non-standard
1) In the framework of its accreditation, the laboratory is authorized to determine all properties, belonging to the group of measured properties mentioned in the second column, for the products mentioned in the first column. This authorization is given on condition of an appropriate validation corresponding to the validation concept of the laboratory's quality system					
* The criteria mentioned in the Standard Operating Procedures ANAL-26 (General Procedure of the Confirmation in Doping Analysis) and ANAL-27 (Criteria in Chromatography and Mass Spectrometry) are applicable for the confirmation of substances detected by chromatographic methods					
** Mass spectrometry is the analytical technique of choice for the confirmation of substances detected by chromatographic methods					

proposal of accreditation scope to be completed by the laboratory

Internal code	Test sample/ Product/ Matrix	Property determined/ Parameter determined/ Type of test	Standard specifications + Equipment or Techniques used	Purpose of method	Type of method (standard, non- standard or laboratory developed)
Fixed scope					
20	Urine	Specific gravity	Refractometer Reflectance photometry and refractometry on Sysmex	Initial Testing Procedure (ITP), Quantitative Confirmation Procedure (CP)	Standard
21	Urine	pH	pH-meter (potentiometer), Reflectance photometry and refractometry on Sysmex	Initial Testing Procedure (ITP), Quantitative Confirmation Procedure (CP)	Standard
22	Urine	Determination of colour, turbidity, Urobilinogen, creatinine, glucose, albumine, protein, blood, Bilirubine, ketones, nitrite, leucocytes	Reflectance photometry and refractometry on Sysmex	Initial Testing Procedure (ITP)	Standard
23	Human blood	Hematological profiling	Method prescribed by the WADA ABP guideline/TD on the Sysmex XN	Initial Testing Procedure (ITP), Quantitative Confirmation Procedure (CP)	Standard
24	Serum	Peptide hormones, growth factors, related substances and mimetics	Method prescribed by the WADA hGH guideline/TD on the IDS-iSYS and ADVIA Centaur6. ® XP.	Initial Testing Procedure (ITP), Quantitative Confirmation Procedure (CP)	Standard
25	Serum	Peptide hormones, growth factors, related substances and mimetics	Method prescribed by WADA: isoform differential immunoassay (Luminometer) with kits from CMZ Assay GmbH	Initial Testing Procedure (ITP), Quantitative Confirmation Procedure (CP)	Standard
26	Serum Plasma	Measurement of low hemoglobin concentration in plasma and serum	Method prescribed by the instructions of the manufacturer Hemocue instrument	Initial Testing Procedure (ITP)	Standard