



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

EA MLA Signatory

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

268-TEST

EN ISO/IEC 17025:2017

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Maureen Logghe

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

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

European Commission
Wetstraat 200
1040 Brussels

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

JOINT RESEARCH CENTRE (JRC) Directorate F, Unit F.4, Unit F.5 & Unit F.6 - Geel site	Retieseweg 111 2440 Geel
JOINT RESEARCH CENTRE (JRC) Directorate F, Unit F.4, Unit F.5 & Unit F.6 - Ispra site	Via Enrico Fermi 2749 21027 Ispra (VA) Italy

LIST OF ABBREVIATIONS:

DNA	Deoxyribonucleic acid
EA-IRMS	Elemental Analyser - Isotope Ratio Mass Spectrometer
GC-MS	Gas chromatography – Mass Spectrometry
HPLC	High-Performance Liquid Chromatography
HPLC-DAD	High-Performance Liquid Chromatography with Diode-Array Detection.
HPLC-FLD	High Performance Liquid Chromatography with Fluorescence Detection
HPLC-UV	High-Performance Liquid Chromatography with UV Detector
ICP-MS	Inductively Coupled Plasma Mass Spectrometry
ICP-OES	Inductively Coupled Plasma Optical Emission Spectrometry
IRMS	Isotope-Ratio Mass Spectrometer
LC-MS	Liquid Chromatography - Mass Spectrometry
OIV	International Organisation of Vine and Wine
PCR	Polymerase Chain Reaction
SNIF-NMR	Site Specific Natural Isotope Fractionation studied by Nuclear Magnetic Resonance
UPLC-MS/MS	Ultra Performance Liquid Chromatography - Tandem Mass Spectrometer

Internal code	Test sample/ Product/ Matrix	Property determined/ Parameter determined/ Type of test	Standard specifications Equipment or Techniques used	Activity performed in the following sites of activities
FIXED SCOPE - GEEL SITE				
WI-D-00138	Biological matrices	Water content	Coulometric Karl-Fischer titration In house method	GEEL
WI-D-00042	Biological, environmental and industrial matrices	Particle size distribution	Laser light diffraction In house method	GEEL
WI-D-00170	Metals and alloys	Absorbed energy (KV) Impact toughness	ISO 148	GEEL
WI-D-00771	Wines	Deuterium isotope ratios D/H	SNIF-NMR OIV-MA-AS311-05	GEEL
WI-D-00959	Wines	^{18}O / ^{16}O isotopic ratio of water wine	Gas Bench - IRMS OIV-MA-AS2-12	GEEL
WI-D-00947	Wines	^{13}C / ^{12}C isotopic ratio of wine ethanol	EA-IRMS OIV-MA-AS312-06	GEEL
WI-D-00971	Cookies	Total cow's milk protein	LC-MS In house method	GEEL

FIXED SCOPE - ISPRA SITE				
WI-D-00804	Water/alcohol 50:50 %	Content of Bisphenol A	HPLC-FLD In house method	ISPRA
WI-D-00803	Oil food simulant	Content of Bisphenol A	HPLC-FLD In house method	ISPRA

Test sample/ Product/ Matrix	Property determined/ Parameter determined/ Type of test	Equipment or Techniques used	Activity performed in the following sites of activities
FLEXIBLE SCOPE - GEEL SITE			
Feed	Fat soluble vitamins and pro-vitamins	Reverse-phase HPLC with UV and fluorescence detection	GEEL
Feed	Coccidiostats	HPLC coupled to optical or mass spectrometry detectors	GEEL
Food and Feed	Genetically Modified content in % (m/m) and % (cp/cp) (**)	DNA extraction, DNA identification and Real-time PCR	GEEL
Food and Feed	Genetically Modified content in % (cp/cp) (**)	DNA extraction and digital PCR	GEEL
Pure DNA solutions	DNA copy number	digital PCR	GEEL
Food and related materials	Elements	ICP-OES, ICP-MS	GEEL
Food and Feed	Pesticides	GC-MS(/MS), (UP)LC-MS/MS	GEEL
Organic solvent	Explosives	HPLC-DAD	GEEL
Biological and environmental matrices	Water content	Volumetric Karl-Fischer titration	GEEL

FLEXIBLE SCOPE - ISPRA SITE			
Plastics and plastic coated metal food contact materials	Migrated substances from materials in contact with food	In house method according to Regulation (EU) No 10/2011 HPLC-UV/FLD	ISPRA
Food and Feed	Genetically Modified content in % (cp/cp) (**)	DNA extraction and digital PCR	ISPRA
Food and Feed	Genetically Modified content in % (m/m) and % (cp/cp) (**)	DNA extraction, DNA identification and Real-time PCR	ISPRA

In the framework of its accreditation, the laboratory is authorized to determine all parameters belonging to the group of parameters mentioned in the second column for all matrices belonging to the group of matrices mentioned in the first column. This authorization is given, provided that an appropriate validation is performed according to the general validation concept as set out in the laboratory's quality system. The laboratory keeps a detailed list of the parameters and matrices, belonging to the above mentioned groups, up-to-date for anyone involved.

*(**) m/m : mass to mass, cp/cp : copynumber to copynumber*