Accreditation

IRMM holds accreditation according to ISO Guide 34 “General requirements for the competence of reference materials producers” for the production of solid and liquid biological materials from plant or animal matter and certified for elements small organic molecules, macromolecules including GMO and method-defined properties.

IRMM holds accreditation according to ISO 17025 “General requirements for the competence of testing and calibration laboratories” for the quantification of GMO content, water content and particle size distribution.

Accreditation was awarded to the Reference Materials Unit by the Belgian Accreditation Board (Beltest).
Certificate
Enclosure

Système Belge d'Accréditation
Essais et Inspection

Belgisch Accreditatiesysteem
Testen en Keuring

BELTEST

Member of EA and the EA-MLA (testing)
Member of ILAC

ACCREDITATION CERTIFICATE

Nr. 328-T

In compliance with the provisions of the Royal Decree of December 22nd 1992 concerning the setting up of BELTEST, the Minister of Economy, hereby confirms, on advice of the Accreditation Bureau, that

Institute for Reference Materials and Measurements IRMM
Reference Materials Unit
Retieseweg, 111
2440 GEEL

has the competence to perform tests, in accordance with the requirements of the standard NBN EN ISO 17025 and to produce reference materials, in accordance with the requirements of Guide ISO 34. The scope of application of this accreditation is mentioned in the attached enclosure. The present accreditation certificate is granted for a period of 3 years starting from the date of issue and is submitted to a yearly surveillance.

The chair of the Accreditation Bureau,

Nicole MEURÉE-VANLAETHEM

The Minister of Economy,

Marc VERWILGHEN

Date of issue : 28 -10- 2004

A2-0034

BELTEST

Appendix to the accreditation certificate n° 328-T

Institute for Reference Materials and Measurements
IRMM
Reference Materials Unit

Version n° 1

Issue date : 28 October 2004

Validity date : 28 October 2007

Verified by the Accreditation Board
The chair of the Board BELTEST

N. Meurée-Vanlaethem

BELTEST

Service Public Fédéral Economie,
P.M.E., Classes Moyennes & Energie
Qualité et Sécurité–Accréditation
Boulevard Simon Bolivar, 30
1000 BRUXELLES

Federale Overheidsdienst Economie,
K.M.O., Middenstand & Energie
Kwaliteit en Veiligheid-Accreditatie
Simon Bolivarlaan, 30
1000 BRUSSEL

Tel. : 02/208.36.30
Fax : 02/208.36.55

Appendix to the accreditation certificate n° 328-T

1. Testing according to ISO 17025

Testcode	Type of samples	measured property	Method
RM WI/0137	biological matrices	water content	volumetric Karl-Fischer titration
RM WI/0138	biological matrices	water content	coulometric Karl-Fischer titration
RM WI/0042	biological matrices	particle size distribution	laser light diffraction
RM WI/0089	soybeans, maize	DNA extraction	CTAB method
RM WI/0107	soybeans, maize	DNA extraction	Qiagen DNeasy® Plant Mini kit
RM WI/0086	Soybeans	RoundupReady™ content in % (m/m)	real-time PCR
RM WI/0094	Soybeans	RoundupReady™ content in % (m/m)	ELISA
RM WI/0097	Maize	MON810 content in % (m/m)	real-time PCR
RM WI/0104	Maize	NK603 content in % (m/m)	real-time PCR
RM WI/0106	Maize	MON863 content in % (m/m)	real-time PCR
RM WI/0092	Maize	GA21 content in % (m/m)	real-time PCR
RM WI/0099	Maize	Bt-176 content in % (m/m)	real-time PCR
RM WI/0091	Maize	MON 810 and Bt-11 content in % (m/m)	ELISA

2. Production of reference materials according to ISO Guide 34 for the matrices and analyte groups listed below with certified values derived from interlaboratory studies, primary methods of measurement or gravimetric preparation.

Type of matrix	certified analytes
solid biological material from plant or animal matter	elements
	organic molecules
	macromolecules including genetically modified organisms (GMO)
	method defined properties
liquid biological material from plant or animal matter	elements
	organic molecules
	macromolecules including genetically modified organisms (GMO)
	method defined properties