WeNou Innovating the Present leading the Future

TEST LIST

12/01/2023

Test / Method	Accreditation scope	Method's SOP	Normal TAT (working days)	LOD/LOQ	Sample volume / weight	Transport conditions
Untargeted Approach for complex samples - NGS						
Identification of **Mollusks**[1] species by PCR and DNA sequencing (NGS method)	(A)	PLBM-02.01.03	7 to 10	1%	50 gr	N/A
Identification of **Crustacean** species by PCR and DNA sequencing (NGS method)	(A)	PLBM-02.02.03	7 to 10	1%	50 gr	N/A
Identification of **Fish**[2] species by PCR and DNA sequencing (NGS method)	(A)	PLBM-02.03.03	7 to 10	1%	50 gr	N/A
Identification of **Meat**[3] species by PCR and DNA sequencing (NGS method)	(A)	PLBM-02.04.03	7 to 10	1%	50 gr	N/A
Identification of **Plant** species by PCR and DNA sequencing (NGS method)	(A)	PLBM-02.05.04	7 to 10	1%	50 gr	N/A
Identification of **adulterant Plant** species[4][5] by PCR and DNA sequencing (NGS method)	(A)	PLBM-02.06.00	7 to 10	1%	50 gr	N/A
Identification of **Insects** species by PCR and DNA sequencing (NGS method)	(A)	PLBM-02.07.00	7 to 10	1%	50 gr	N/A
Identification of **Bacteria** species by PCR and DNA sequencing (NGS method)	(A)(B)	PLBM-02.09.00	7 to 10	1%	50 gr	Refrigerated
Identification of **Fungi** species by PCR and DNA sequencing (NGS method)	(A)(B)	PLBM-02.10.00	7 to 10	1%	50 gr	Refrigerated
Identification of **Algae** species by PCR and DNA sequencing (NGS method)	(A)(B)	PLBM-02.14.00	7 to 10	1%	50 gr	N/A
Identification of **Plant** species by PCR and DNA sequencing (NGS method)	(A)	PLBM-02.15.00	7 to 10	1%	50 gr	N/A
Identification of **Algae** species by PCR and DNA sequencing (NGS method)	(A)(B)	PLBM-02.16.00	7 to 10	1%	50 gr	N/A
Identification of **Bacteria** species by PCR and DNA sequencing (NGS method)	(A)(B)	PLBM-02.17.00	7 to 10	1%	50 gr	N/A
Identification of **Fungi** species by PCR and DNA sequencing (NGS method)	(A)(B)	PLBM-02.18.00	7 to 10	1%	50 gr	N/A
Untargeted Approach for Alergenic Species - NGS						
Identification of **allergenic animal**[7] origin species by PCR and DNA sequencing (NGS method)	(A)	PLBM-02.20.00	7 to 10	1%	50 gr	N/A
Identification of **allergenic nuts**[8] species by PCR and DNA sequencing (NGS method)	(A)	PLBM-02.21.00	7 to 10	1%	50 gr	N/A
Identification of **allergenic vegetable**[9] origin species by PCR and DNA sequencing (NGS method)	(A)	PLBM-02.22.00	7 to 10	1%	50 gr	N/A
Identification of **cereals**[10] species that contain gluten species by PCR and DNA sequencing (NGS method)	(A)	PLBM-02.23.00	7 to 10	1%	50 gr	N/A
Untargeted Approach for pure samples - Sanger						
Identification of **Mollusks**[1] species by PCR and DNA sequencing (Sanger method)	(A)	PLBM-03.01.00	7 to 10	N/A	50 gr	N/A
Identification of **Crustacean** species by PCR and DNA sequencing (Sanger method)	(A)	PLBM-03.02.00	7 to 10	N/A	50 gr	N/A
Identification of **Fish**[2] species by PCR and DNA sequencing (Sanger method)	(A)	PLBM-03.03.00	7 to 10	N/A	50 gr	N/A
Identification of **Meat**[3] species by PCR and DNA sequencing (Sanger method)	(A)	PLBM-03.04.00	7 to 10	N/A	50 gr	N/A
Identification of **Plant** species by PCR and DNA sequencing (Sanger method)	(A)	PLBM-03.05.00	7 to 10	N/A	50 gr	N/A
Identification of **Insects** species by PCR and DNA sequencing (Sanger method)	(A)	PLBM-03.06.00	7 to 10	N/A	50 gr	N/A
Identification of **Bacteria** species by PCR and DNA sequencing (Sanger method)	(A)	PLBM-03.07.00	7 to 10	N/A	50 gr	Refrigerated
Identification of **Fungi** species by PCR and DNA sequencing (Sanger method)	(A)	PLBM-03.08.00	7 to 10	N/A	50 gr	Refrigerated
Targeted Approach - Realtime PCR						
Detection of **Pork** DNA by Real-Time PCR	(A)	PLBM-01.01.02	5 to 7	0,001%	50 gr	N/A
Detection of **Horse** DNA by Real-Time PCR	(A)	PLBM-01.02.02	5 to 7	0,5%	50 gr	N/A
Detection of **CaMV P-35S**, **P-FMV** and **T-NOS** in Genetically Modified Organisms by Real-Time PCR	(A)	PLBM-01.03.04	5 to 7	0,01%	50 gr	N/A
Panels						
PA01_ Microbiology						
Identification of **Bacteria** species by PCR and DNA sequencing (NGS method)	(A)(B)	PLBM-02.09.00	7 to 10	1%	50 gr	Refrigerated
Identification of **Fungi** species by PCR and DNA sequencing (NGS method)	(A)(B)	PLBM-02.10.00	7 to 10	1%	50 gr	Refrigerated

(A) - Food and agro-feed products (including DNA, swabs, cell culture and microbial isolates)

(B) - Drinking water and process water

(C) - Other matrices

[1] Includes: Bivalves, Cephalopods and Gastropods

[2] Includes: Bony and Cartilaginous fishes

[3] Includes: Mammals, Birds, Amphibians and Reptiles

[4] Plants adulterants commonly used as protein substitution: Pea, Soya, Lupin, Beans

[5] For animal feed and pet food this test should be used in products not containing plant-based material in its composition. The results obtained with this test enable the detection of plant adulterants DNA, namely plant families that include Mayze, Soya, Pea, Lupin, Beans, etc.

[6] After sample enrichment

[7] Mollusc; Crustacean; Fish

[8] Almonds (*Amygdalus communis L.*), Hazelnuts (*Corylus avellana*), Walnuts (*Juglans regia*), Cashew nuts (*Anacardium occidentale*), Pecan nuts [*Carya illinoiesis (Wangenh.) K. Koch*], Brazil nuts (*Bertholletia excelsa*), Pistachios (*Pistacia vera*), Macadamia or Queensland nuts (*Macadamia ternifolia*)

[9] Cereals that contain gluten, Peanuts, Soy, Nuts, Celery, Mustard, Sesame Seeds, Lupine

[10] Wheat, Rye, Barley, Oat, Spelled, kamut