TEST LIST

21/10/2020

Test / Method	Method's SOP	Accredited (ISO 17025:2018)	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)	PLBM-02.01.03	Yes	7 to 10	1%	50 gr	N/A
Identification of Crustacean species by PCR and DNA sequencing (NGS method)	PLBM-02.02.03	Yes	7 to 10	1%	50 gr	N/A
Identification of Fish[(2)] species by PCR and DNA sequencing (NGS method)	PLBM-02.03.03	Yes	7 to 10	1%	50 gr	N/A
Identification of Meat[(3)] species by PCR and DNA sequencing (NGS method)	PLBM-02.04.03	Yes	7 to 10	1%	50 gr	N/A
Identification of Plant species by PCR and DNA sequencing (NGS method)	PLBM-02.05.03	Yes	7 to 10	1%	50 gr	N/A
Identification of adulterant Plant species[(4)(5)] by PCR and DNA sequencing (NGS method)	PLBM-02.06.00	No	7 to 10	1%	50 gr	N/A
Identification of Insects species by PCR and DNA sequencing (NGS method)	PLBM-02.07.00	No	7 to 10	1%	50 gr	N/A
Identification of Bacteria species by PCR and DNA sequencing (NGS method)	PLBM-02.09.00	No	7 to 10	1%	50 gr	Refrigerated
Identification of Fungi species by PCR and DNA sequencing (NGS method)	PLBM-02.10.00	No	7 to 10	1%	50 gr	Refrigerated
Identification of Algae species by PCR and DNA sequencing (NGS method)	PLBM-02.14.00	No	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)	PLBM-03.01.00	No	7 to 10	N/A	50 gr	N/A
Identification of Crustacean species by PCR and DNA sequencing (Sanger method)	PLBM-03.02.00	No	7 to 10	N/A	50 gr	N/A
Identification of Fish[(2)] species by PCR and DNA sequencing (Sanger method)	PLBM-03.03.00	No	7 to 10	N/A	50 gr	N/A
Identification of Meat[(3)] species by PCR and DNA sequencing (Sanger method)	PLBM-03.04.00	No	7 to 10	N/A	50 gr	N/A
Identification of Plant species by PCR and DNA sequencing (Sanger method)	PLBM-03.05.00	No	7 to 10	N/A	50 gr	N/A
Identification of Insects species by PCR and DNA sequencing (Sanger method)	PLBM-03.06.00	No	7 to 10	N/A	50 gr	N/A
Identification of Bacteria species by PCR and DNA sequencing (Sanger method)	PLBM-03.07.00	No	7 to 10	N/A	50 gr	Refrigerated
Identification of Fungi species by PCR and DNA sequencing (Sanger method)	PLBM-03.08.00	No	7 to 10	N/A	50 gr	Refrigerated
Targeted Approach - Realtime PCR						
Detection of Pork DNA by real time PCR	PLBM-01.01.02	Yes	5 to 7	0,001%	50 gr	N/A
Detection of Horse DNA by real time PCR	PLBM-01.02.02	Yes	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	PLBM-01.03.04	Yes	5 to 7	0,01%	50 gr	N/A

(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.