

Phytosanitary analysis

Missions and sample collection are not included in the price.

Bacteriology		
Organism	Specification	Price per sample ⁽¹⁾
<i>Erwinia amylovora</i>	Detection and identification Standard OEPP PM 7/20(2) (2013)	65 €
<i>Pseudomonas syringae</i> . pv. <i>actinidiae</i> (PSA)	Detection and identification Standard OEPP PM 7/120(1) (2014)	40 €
<i>Xylella fastidiosa</i>	Detection (real time-PCR) Standard OEPP PM 7/24(4) (2019)	60€
	Confirmation (Molecular identification) Standard OEPP PM 7/24(4) (2019)	20€
<i>Candidatus liberibacter</i> spp. (Huanglongbing)	Detection and identification Standard OEPP PM 7/121(1) (2014)	80€
Mycology		
Organism	Specification	Price per sample ⁽¹⁾
<i>Fusarium circinatum</i>	Morphological identification Molecular identification	45,37 €
Identification Cultivated fungi	Morphological identification Molecular identification + Sequencing	on request
Virology		
Organism	Specification	Price per sample ⁽¹⁾
<i>Citrus Tristeza Virus</i> (CTV) Standard OEPP PM 7/31(1) (2004)	Serological Analysis Standard EPPO 7/121 (1)	until 100 samples 50 € 101-300 samples 0,50 €/sample 301-1000 samples 0,40 €/sample >1000 samples 0,30 €/sample ⁽²⁾
	Serological Analysis (ELISA) Standard EPPO 7/121 (1)	9 €/sample
	Molecular identification Standard EPPO 7/121 (1)	24 €/sample
Nematology		
SOIL		
Organism	Specification	Price per sample ⁽¹⁾
Nematodes phytoparasites	Extraction, quantification and morphological identification of nematodes phytoparasite	50 €
<i>Meloidogyne</i> (juveniles 2 ^o stadium), <i>Pratylenchus</i> e <i>Xiphinema</i>	Extraction and quantification of nematodes phytoparasite	30 €
<i>Globodera</i> e <i>Heterodera</i>	Extraction and quantification of nematodes cysts Standard EPPO 7/40 (4)	30 €
	Quantification of egg numbers/cyst Standard EPPO 7/40 (4)	20 €
<i>Meloidogyne</i> , <i>Globodera</i> , <i>Pratylenchus</i> and others	Molecular/biochemistry identification of nematodes phytoparasite species	50 €

Nematology		
PLANT MATERIAL		
Organism	Specification	Price per sample ⁽¹⁾
Nematodes phytoparasites	Extraction, quantification and morphological identification of nematodes phytoparasite genus (aerial part)	40 €
Nematodes phytoparasites	Extraction, quantification and morphological identification of nematodes phytoparasite genus (roots)	50 €
<i>Meloidogyne</i> , <i>Pratylenchus</i> e <i>Ditylenchus</i>	Extraction and morphologic identification (roots)	30 €
<i>Globodera</i> spp. e <i>Meloidogyne</i> spp.	Molecular/biochemistry identification of nematodes phytoparasite species from potato cyst nematodes and root-knot nematodes (roots) Standard EPPO 7/40 (4)	50 €
<i>Bursaphelenchus xylophilus</i>	Extraction, quantification and identification of pine wood nematode (wood, bark, splinter and pinewood biomass) Standard EPPO PM7/4(3)	20 € (particular and companies) 16 € (ICNF)

Total diversity of microorganisms

Organismo	Especificação	Preço ⁽¹⁾
Study of the total diversity of microorganisms (Microbiota)	NGS Illumina- Bacteria and Fungi (plants, soil and substrates)	On request
Study of the total diversity of cultivable microorganisms (Microbiota)	Culture dependent methods - Bacteria and Fungi (plants, soil and substrates)	On request

⁽¹⁾ plus VAT at the legal rate.

Quarantine Organisms – Analysis performed according to EPPO methodologies.