

EUROPEAN AND MEDITERRANEAN PLANT PROTECTION ORGANIZATION
ORGANISATION EUROPEENNE ET MEDITERRANEENNE POUR LA PROTECTION DES PLANTES
Summary sheet of validation data for a diagnostic test

The EPPO Standard PM 7/98 *Specific requirements for laboratories preparing accreditation for a plant pest diagnostic activity* describes how validation should be conducted. It also includes definitions of performance criteria.

Laboratory contact details	Bacteriology. Instituto Valenciano de Investigaciones Agrarias CV-315, km. 10.7, 46113 Moncada, Spain
Short description of the test	detection of 'Candidatus Liberibacter asiaticus', 'Candidatus Liberibacter africanus', 'Candidatus Liberibacter americanus' 'Candidatus Liberibacter americanus' by Molecular real time PCR in DNA samples
Date, reference of the validation report	2021-03-08 - TPS 2020 HLB
Validation process according to EPPO Standard PM7/98?	yes
Is the lab accredited for this test?	no
Was the validated data generated in the framework of a project?	EURL
If yes, please specify	Test Performance Study for the molecular detection of regulated 'Candidatus Liberibacter' species in Citrus sinensis and Citrus reticulata using conventional and real-time PCR tests
Description of the test	
Organism(s)	'Candidatus Liberibacter asiaticus' (LIBEAS) 'Candidatus Liberibacter africanus' (LIBEAF) 'Candidatus Liberibacter americanus' (LIBEAM)
Detection / identification	detection
Matrix(ces) tested	Other DNA samples
Plant species tested	Citrus reticulata, Citrus x aurantium var. sinensis
Method(s)	Molecular Conventional PCR Molecular real time PCR
Method: Molecular Conventional PCR	
Reference of the test description	
Other information	
Method: Molecular real time PCR	
Reference of the test description	
Other information	
Performance Criteria :	

Organism 1.:	'Candidatus Liberibacter asiaticus'(LIBEAS)
Organism 2.:	'Candidatus Liberibacter africanus'(LIBEAF)
Organism 3.:	'Candidatus Liberibacter americanus'(LIBEAM)
Test performance study	
Test performance study?	no
Other information	
Any other information considered useful	Test Performance Study for the molecular detection of regulated 'Candidatus Liberibacter' species in Citrus sinensis and Citrus reticulata using conventional and real-time PCR tests

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