

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	Brandenburg State Office of Rural Development, Agriculture an Land Consolidation(LELF) Steinplatz 1, 15806 Zossen, Germany
Short description of the test	detection of Bursaphelenchus xylophilus Bursaphelenchus xylophilus by in Woody cuttings
Date, reference of the validation report	2020-09-25 - Extraction of Bursaphelenchus xylophilus using Baermann funnel and mistifier technique
Link to other validation data	-
Validation process according to EPPO Standard PM7/98?	yes
Is the lab accredited for this test?	yes
Was the validated data generated in the framework of a project?	no
Description of the test	
Organism(s)	Bursaphelenchus xylophilus (BURSXY)
Detection / identification	detection
Method(s)	Extraction
Method: Extraction	
Reference of the test description	
As or adapted from an EPPO diagnostic protocol	yes
EPPO Diagnostic Protocol name	PM 7/119 Nematode extraction (version 1)
Name of the test	Mistifier technique (from plant material and vectors)
As or adapted from an IPPC diagnostic protocol	no
Is the test modified compared to the reference test	no
Other information	
Performance Criteria :	
Organism 1.:	Bursaphelenchus xylophilus(BURSXY)
Analytical sensitivity	

What is smallest amount of target that can be detected reliably?	85% of nematodes were recovered
<u>Repeatability</u>	
Provide the calculated % of agreement for a given level of the pest (see PM 7/98)	100% (repeats of six subsamples of ca. 150 nematodes per 200 µl)
Test performance study	
Test performance study?	no

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