



Accredited to LST EN ISO/IEC 17025:2018

**ANALYTICAL DEPARTMENT
OF THE AGROCHEMICAL RESEARCH LABORATORY
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**SCOPE OF ACCREDITATION
(flexible)***

Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods	Techniques, methods and/or equipment used
TESTING OF SOIL			
Soil (up to pH 10)	pH value in 1mol/l KCl suspension	LST EN ISO 10390	Potentiometry
Soil	Organic carbon content	ISO 10694	Infrared spectrometry after dry combustion
	Humus content	ISO 10694, cl. 8.3	Calculation method: organic carbon content multiplied by the conversion factor 1,72
	Nitrogen content (sum of nitrate-nitrogen and nitrite-nitrogen)	LVP D-05	Flow injection analysis (FIA) spectrometry
	Ammonia nitrogen content	LVP D-05	
	Mineral nitrogen content	LVP D-05	Calculation method: sum of nitrogen values
	Plant available phosphorus (P ₂ O ₅) content	LVP D-07	Egner-Riehm-Domingo (A-L) method
	Plant available potassium (K ₂ O) content	LVP D-07	Egner-Riehm-Domingo (A-L) method

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TESTING OF SOIL IMPROVERS			
Soil improvers	Dry matter content, %	LST EN 13040	Gravimetry
	Organic matter content, %	LST EN 13039	Gravimetry
	Total nitrogen content, %	ISO 11261, LST EN 13654-1, except cl. 8.9	Kjeldahl method, titrimetry
TESTING OF ACTIVE SUBSTANCES IN PLANT PROTECTION PRODUCTS			
alpha-Cypermethrin emulsion concentrate (EC)	Content of alpha-cypermethrin	CIPAC 454/EC/M, cl. 1, cl. 2.1, cl. 3	Gas chromatography
Epoxiconazole suspension concentrate (SC)	Content of epoxiconazole	CIPAC 609/SC/M, cl. 1, cl. 2.1, cl. 3	Gas chromatography
Epoxiconazole suspoemulsion (SE)	Content of epoxiconazole	CIPAC 609/SE/M, cl. 1, cl. 2.1, cl. 3	Gas chromatography
Epoxiconazole emulsion concentrate (EC)	Content of epoxiconazole	CIPAC 609/EC/M, cl. 1, cl. 2.1, cl. 3	Gas chromatography
Propiconazole emulsion concentrate (EC)	Content of propiconazole	CIPAC 408/EC/M, cl. 1, cl. 2.1, cl. 3	Gas chromatography
Tebuconazole oil-in-water emulsion (EW)	Content of tebuconazole	CIPAC 494/EW/M, cl. 1, cl. 2, cl. 3 CIPAC 494/WP/M, cl. 2.1, cl. 3	Gas chromatography
Tebuconazole solution for seed treatment (FS)	Content of tebuconazole	CIPAC 494/FS/M, cl. 1, cl. 2, cl. 3 CIPAC 494/WP/M, cl. 2.1, cl. 3	Gas chromatography
Tebuconazole emulsion concentrate (EC)	Content of tebuconazole	CIPAC 494/EC/M, p cl. 1, cl. 2, cl. 3 CIPAC 494/WP/M, cl. 2.1, cl. 3	Gas chromatography
Glyphosate water solution (SL)	Content of glyphosate	CIPAC 284/SL/M	High performance liquid chromatography
Diflufenican suspension concentrate (SC)	Content of diflufenican	CIPAC 462/SC/M, cl. 1, cl. 2.1, cl. 3	High performance liquid chromatography
Plant protection products	pH value	CIPAC, MT 75.3	Potentiometry

*Defined and applicable for the whole accreditation scope following degree of flexibility:
application of the updated documents of test methods already covered by accreditation or replacing
them.

Actual scope of accreditation is published on the website
<http://www.lammc.lt/paslaugos/agrocheminiu-tyrimu-laboratorijos/2191>

Director

Dalia Baležentė

Note. In case of any discrepancies, ambiguities or disputes regarding the subject matter content between the English and
Lithuanian versions of the document, the Lithuanian version shall prevail.