APPROVED
By Order No. CV-1-497 of the Deputy Director
for the Activities of the Institute of Agriculture
of the Lithuanian Research Centre for Agriculture
and Forestry, dated 28 November 2024.

Prices for Analyses Performed by the Microbiology Laboratory of the Open Access Centre for Joint Research in Agriculture and Forestry
(Address: Studentų g. 15A, Akademija, Kaunas District
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No.	Description of Analysis	Unit	1 piece price, Eur	
			Without VAT	With VAT
1.	**Sample Collection**			
1.1	Collection of grain (seed) or food raw material samples for microbiological testing*	1	2,4793	3,00
1.2	Collection of samples from workplace surfaces (equipment, storage facilities, tables, etc.) for microbiological testing*	—"—	3,3058	4,00
1.3	Collection of indoor air samples for microbiological testing*	—"—	3,3058	4,00
	* Transportation costs incurred when travelling to the sampling location are not included in the sampling fee. When institutional transport is used, an additional charge is applied based on fuel consumption.			
2.	**Microbiological Analyses**			
2.1	Determination of yeast and mould colony-forming unit (CFU) counts	1	10,7438	13,00
2.2	Determination of bacterial colony-forming unit (CFU) counts	—"—	9,9174	12,00
2.3	Air microbiological analysis by the sedimentation method	—"—	5,7851	7,00
2.4	Determination of pathogen infection in grain (internal infection)	—"—	12,3967	15,00
2.5	Determination of pathogen infection in grain (total infection)	—"—	10,7438	13,00
2.6	Coliform bacteria determination (Most Probable Number, MPN)	—"—	9,0909	11,00
2.7	Coliform bacteria enumeration according to LST ISO 4832:2006	—"—	12,3967	15,00
2.8	Isolation and purification of bacteria	1 culture	11,5702	14,00
2.9	Isolation and purification of micromycetes and yeasts	—"—	13,2231	16,00
2.10	Pathogen identification based on morphological characteristics	1 species/genus	18,1818	22,00
2.11	Assessment of fungicidal activity (1 strain, 1 concentration)	1 strain, 1 concentration	52,0661	63,00

2.12	Physiological profiling of soil microorganisms using the Biolog system	1 sample	100,000	121,00
2.13	Microorganism phenotyping using the Biolog system	1 trait*, 2 replications	290,9091	352,00
2.14	Determination of ammonifying bacterial counts	1 sample	9,9174	12,00
2.15	Determination of mineral nitrogen-assimilating bacterial counts	—"—	9,9174	12,00
2.16	DNA extraction using a ZR extraction kit	1 sample	16,5289	20,00
2.17	Quantitative pathogen identification by real-time PCR (qPCR) using DNA supplied by the client	1 sample	26,4463	32,00
2.18	Microorganism identification by PCR using DNA supplied by the client	1 sample	20,6612	25,00
2.19	Rhizobial bacteria inoculant for pea seed treatment	1 dose (100 ml) 1 ha	9,0909	11,00
2.20	Determination of antimicrobial properties of microorganisms by the agar diffusion method	1 culture	25,6198	31,00
2.21	Determination of bacterial nitrogen-fixing ability	1 culture	19,8347	24,00
2.22	Determination of bacterial phosphate-solubilizing ability	1 culture	19,0083	23,00
2.23	Determination of bacterial amylase-producing ability	1 culture	19,0083	23,00
2.24	Determination of the most effective microorganism concentration for inhibition of fungal growth	1 sample	27,2727	33,00
2.25	DNA preparation, shipment for sequencing (NGS: 16S rRNA or ITS), sequence processing and data analysis	1 sample	140,4959	170,00
3.	**Use of Laboratory Facilities and Equipment for Preparation of Fungal/Bacterial Culture Media (when the client provides their own materials)**			
3.1	First use (and subsequently once per year) with minimal assistance from laboratory personnel	Cycle 1 (up to 8 liters of medium)	101,6529	123,00
3.2	Second and subsequent uses without assistance from laboratory personnel	—"—	40,4959	49,00
3.3	Second and subsequent uses with minimal assistance from laboratory personnel	—"—	60,3306	73,00
3.4	Service fully performed by laboratory personnel	—"—	70,2479	85,00
4.	**Micro-Object Investigations**			
4.1	Fluorescence microscopy (open access without APC personnel assistance)	1 working hour	3,3058	4,00
4.2	Fluorescence microscopy (open access with APC personnel assistance)	—"—	26,4463	32,00
4.3	Optical microscopy (open access without APC personnel assistance)	—"—	1,6529	2,00

4.4	Optical microscopy (open access with APC personnel assistance)	—″—	24,7934	30,00
4.5	SEM Quanta 650 scanning electron microscopy (open access without APC personnel assistance)	—″—	45,4545	55,00
4.6	SEM Quanta 650 scanning electron microscopy (open access with APC personnel assistance)	—″—	66,1157	80,00

***For Biolog phenotyping (Item 2.13), one characteristic may be selected from the following options:** carbon utilization analysis; nitrogen utilization analysis; phosphorus–sulfur utilization analysis; biosynthetic pathway/nutrient stimulation analysis; osmotic/ionic response analysis; pH response analysis; bacterial chemical sensitivity analysis; or yeast chemical sensitivity analysis.