APPROVED
by the Deputy Director of the Lithuanian Research Centre for Agriculture and Forestry
responsible for the activities of the Institute of Agriculture
Registration date: 29 June 2026
Registration No.: CV-1-272

Price List for Analyses Performed at the Chemical Research Laboratory of the Institute of Agriculture, Lithuanian Research Centre for Agriculture and Forestry (LAMMC)

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3. Forage and Plant Vegetative Biomass Analysis

No.	Description of Analysis	Number of Samples	Price, Eur		
			Price without VAT	VAT	Price with VAT
3.1 Comprehensive Analysis of Silage (Haylage, Hay and Whole-Crop Silage)					
3.1.1	Determination of Acidity (pH) by the Potentiometric Method	1	4,1322	0,87	5,00
3.1.2	Grass Silage Quality Analysis Using NIRS According to the ADAS Method, Including Sample Preparation[1]	1	12,3967	2,60	15,00
3.1.3	Grass Silage Quality Analysis Using NIRS According to the VDLUFA Method, Including Sample Preparation[2]	1	13,2231	2,78	16,00
3.1.4	Maize Silage Quality Analysis Using NIRS, Including Sample Preparation[3]	1	13,2231	2,78	16,00
3.1.5	Hay Quality Analysis Using NIRS, Including Sample Preparation and Dry Matter Determination[2]	1	13,2231	2,78	16,00
3.1.6	Quality Analysis of Silage (Whole-Crop Silage) Produced from Mixtures Containing Legumes, Cereals, Straw, etc., Including Sample Preparation and Determination of Crude Protein[1]	1	13,2231	2,78	16,00
3.1.7	Determination of Crude Protein, Neutral Detergent Fibre (NDF), Acid Detergent Fibre (ADF), Crude Fibre, Water-Soluble Carbohydrates and Dry Matter Digestibility in Dried Grass Biomass Using the NIRS 6500 Spectrometer, Excluding Sample Preparation for Naturally Moist Samples	1	12,3967	2,60	15,00
3.1.8	Preparation of the Test Report in a Foreign Language	1	2,8926	0,61	3,50
3.1.9	An Additional Fee of 30% of the Total Amount Applies for Urgent Services.				
3.2. Other Plant Biomass Analyses					
3.2.1	Determination of Dry Matter (Moisture) Content by the Gravimetric Method	1	4,1322	0,87	5,00
3.2.2	Determination of Organic Matter (OM) Content by the Gravimetric Method	1	6,6116	1,39	8,00
3.2.3	Determination of Ash Content by the Gravimetric Method	1	6,6116	1,39	8,00

3.2.4	Determination of Acid-Insoluble Ash Content	1	9,9177	2,08	12,00
3.2.5	Determination of Nitrogen (N) by the Kjeldahl Method	1	7,4430	1,56	9,00
3.2.6	Determination of Protein Content by the Kjeldahl Method	1	7,4430	1,56	9,00
3.2.7	Determination of Phosphorus (P) by the Spectrophotometric Method	1	8,2635	1,74	10,00
3.2.8	Determination of Potassium (K) by Atomic Absorption Spectrometry (AAS)	1	8,2635	1,74	10,00
3.2.9	Determination of Calcium (Ca) by Atomic Absorption Spectrometry (AAS)	1	8,2635	1,74	10,00
3.2.10	Determination of Magnesium (Mg) by Atomic Absorption Spectrometry (AAS)	1	8,2635	1,74	10,00
3.2.11	Determination of Sodium (Na) by Atomic Absorption Spectrometry (AAS)	1	8,2635	1,74	10,00
3.2.12	Determination of Iron (Fe) by Atomic Absorption Spectrometry (AAS)	1	8,2635	1,74	10,00
3.2.13	Determination of Zinc (Zn) by Atomic Absorption Spectrometry (AAS)	1	8,2635	1,74	10,00
3.2.14	Determination of Copper (Cu) by Atomic Absorption Spectrometry (AAS)	1	8,2635	1,74	10,00
3.2.15	Determination of Manganese (Mn) by Atomic Absorption Spectrometry (AAS)	1	8,2635	1,74	10,00
3.2.16	Determination of Lead (Pb) by Atomic Absorption Spectrometry (AAS)	1	9,9174	2,08	12,00
3.2.17	Determination of Cadmium (Cd) by Atomic Absorption Spectrometry (AAS)	1	9,9174	2,08	12,00
3.2.18	Determination of Aluminium (Al) by Atomic Absorption Spectrometry (AAS)	1	12,3967	2,60	15,00
3.2.19	Determination of Silicon (Si) by the Spectrophotometric Method	1	14,8780	3,12	18,00
3.2.20	Determination of Chloride (Cl) by the Spectrophotometric Method	1	12,3967	2,60	15,00
3.2.21	Determination of Four Selected Elements (K, Ca, Mg, Na, Zn, Fe, Cu, Mn) in a Single Sample (Minimum 10 Samples)	1	31,4048	6,60	38,00
3.2.22	Determination of Six Selected Elements (K, Ca, Mg, Na, Zn, Fe, Cu, Mn) in a Single Sample (Minimum 10 Samples)	1	47,1100	9,89	57,00
3.2.23	Determination of Nitrate Nitrogen (NO_3^--N) by the Ion-Selective Electrode Method	1	6,6078	1,39	8,00
3.2.24	Determination of Organic Carbon by the Oxidation–Spectrophotometric Method	1	9,9177	2,08	12,00
3.2.25	Determination of Carbon, Nitrogen and Sulfur (CNS) by the Dumas Method in a Single Sample	1	24,7934	5,21	30,00
3.2.26	Determination of Modified Acid Detergent Fibre (MADF)	1	12,3967	2,60	15,00
3.2.27	Determination of Acid Detergent Fibre (ADF)	1	12,3967	2,60	15,00

3.2.28	Determination of Neutral Detergent Fibre (NDF)	1	12,3967	2,60	15,00
3.2.29	Determination of Neutral Detergent Fibre (NDF) in Starch-Containing Plant Biomass (Using Alpha-Amylase)	1	13,2231	2,78	16,00
3.2.30	Determination of Acid Detergent Lignin (ADL)	1	14,0500	2,95	17,00
3.2.31	Determination of Lignin by the Klason Method	1	14,0500	2,95	17,00
3.2.32	Determination of Acid Detergent Fibre (ADF) and Acid Detergent Lignin (ADL) in a Single Sample	1	25,6200	5,38	31,00
3.2.33	Determination of Acid Detergent Insoluble Crude Protein (ADICP/ADIN)	1	14,8780	3,12	18,00
3.2.34	Determination of Acid Detergent Fibre (ADF) and Nitrogen (or Protein) Content in the Fibre in a Single Sample	1	24,7920	5,21	30,00
3.2.35	Determination of Crude Fibre by the Henneberg–Stohmann Method	1	8,6777	1,82	10,50
3.2.36	Determination of Total Dietary Fibre Using AOAC- and AACC-Approved Methods	1	18,1800	3,82	22,00
3.2.37	Determination of Soluble and Insoluble Dietary Fibre Using AOAC- and AACC-Approved Methods	1	28,9250	6,07	35,00
3.2.38	Determination of Cellulose	1	24,7920	5,21	30,00
3.2.39	Determination of Hemicellulose	1	23,1400	4,86	28,00
3.2.40	Determination of Total Carbohydrate Content	1	37,1900	7,81	45,00
3.2.41	Determination of Water-Soluble Carbohydrates (WSC) by the Spectrophotometric Method	1	11,5700	2,43	14,00
3.2.42	Determination of Ethanol-Soluble Carbohydrates (ESC) and Starch by the Spectrophotometric Method Using Enzymatic Hydrolysis	1	18,1800	3,82	22,00
3.2.43	Determination of Starch by the Spectrophotometric Method Using Enzymatic Hydrolysis	1	16,5289	3,47	20,00
3.2.44	Determination of Total Flavonoid Content	1	11,5700	2,43	14,00
3.2.45	Determination of Total Polyphenol Content	1	11,5700	2,43	14,00
3.2.46	Determination of Total Condensed Tannins by the Spectrophotometric Method	1	18,1800	3,82	22,00
3.2.47	Determination of Antioxidant Activity Using the ABTS Radical Scavenging Assay	1	16,5289	3,47	20,00
3.2.48	Determination of Antioxidant Activity Using the DPPH Radical Scavenging Assay	1	16,5289	3,47	20,00
3.2.49	Determination of Antioxidant Activity Using the Ferric Reducing Antioxidant Power (FRAP) Assay	1	16,5289	3,47	20,00
3.2.50	Determination of Chlorophyll Content by the Spectrophotometric Method	1	9,9174	2,08	12,00
3.2.51	Determination of Crude Fat (Lipid) Content by the Soxhlet or Soxtec Method	1	13,2231	2,78	16,00

3.2.52	Determination of Calorific Value by Direct Combustion	1	16,5289	3,47	20,00
3.2.53	Sample Preparation for Analysis	1	4,1322	0,87	5,00
3.2.54	Preparation of the Test Report in a Foreign Language	1	2,8926	0,61	3,50
3.2.55	An Additional Fee of 30% of the Total Amount Applies for Urgent Services.				