

**Price list of the Analytical Laboratory of the Institute of Botany, CAS, in Třeboň**

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I hereby set the following prices for analyses performed at the Analytical Laboratory in Třeboň:

Item (type of analysis)	Sample/ amount	internal orders CZK/sample	external orders CZK/sample (inclusive of VAT)
Soil extraction (H <sub>2</sub> O, KCl, CaCl <sub>2</sub> )	10 g	25	43
Filtration using glass filter		11	16
BOD <sub>5</sub> estimation	300 ml	55	92
Determination of pH in water	50 ml	23	39
Determination of pH in soils (KCl + H <sub>2</sub> O)	50 ml	42	71
Estimation of dissolved oxygen in waters		30	51
Total alkalinity – end-point titration of 4.5	100 ml	25	43
Electric conductivity	100 ml	21	36
Soil mineralization (by H <sub>2</sub> SO <sub>4</sub> )	10 g	35	59
Plant biomass mineralization (by acids)	5 g	33	55
Persulfate mineralisation – clean waters (TN+TP)	10 ml	29	49
Chlorophyll a - spectrophotometrically	10-1000 ml	49	83
Chlorophyll (biomass)	5 g	141	205
Dry matter estimation (soil)	100 ml, 10 g	27	46
Soil organic matter estimation (combustion)	10 g	26	44
Photometric analysis FIA, CFA 1/	100 ml, 10 g	46	78
Photometric analyses of soil exchangeable P (Mehlich III)	10 g	47	80
Humic substances in waters -TNV 75736	100-250 ml	43	72
Determination of starch content in biomass	100 mg	130	221
Determination of fructans in biomass	100 mg	132	225

Determination of free sugars (IC)	100 mg	300	510
Analysis of IC elements – water 2/	10 ml	59	89
TCO, TC (water, soil)	50 ml, 1 g	150	290
Sample preparation – homogenisation, grinding		37	51
A <sub>254</sub> – spectrophotometrically	10 ml	20	34

1/ NH<sub>4</sub>, NO<sub>2</sub>, NO<sub>3</sub>, NO<sub>4</sub>, PO<sub>4</sub>, Cl, SO<sub>4</sub>, TN, P

2/ Na, K, Ca, Mg

We perform the above determinations in accordance with applicable standards and verify the accuracy of results by participating in interlaboratory proficiency testing by the Central Institute for Supervising and Testing in Agriculture and the Centre for the assessment and laboratories.

*Note:*

*In-house prices include only direct costs of materials and laboratory overheads. Prices do not include labour costs, margins, or the administrative and operational overhead cost of the Institute. Prices are charged exclusive of VAT.*

*Where services are provided to external customers, the prices include all costs, including the Institute's margin, and are subject to the applicable VAT rate.*

Průhonice, 10 December 2025

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