National Food Chain Safety Office Food Chain Safety Laboratory Directorate Coordination and Methodology Department

2026. Annual proficiency test plan

Proficiency testing code	External service provider laboratory	Planned sample distribution date	Proficiency testing item (matrix)	Proficiency testing scheme name	Parameters to be tested	Planned deadline for submission of results	Sample distribution method	Participation fee (net HUF)**	Homogeneity testing	Stability testing	Evaluation method (determination of assigned value and target standard deviation)	Expected range	Comments
1-2026	Nébih MGEI Central Seed Testing Laboratory 1024 Budapest, Kis Rókus u. 15/A	March 3–4, 2026	Oat seed (Avena strigosa)	Visual proficiency test for seeds	Purity, presence of other seeds	April 2, 2026	In-person collection	39 700 Ft	Not applicable.	Not applicable.	MSZ EN ISO/IEC 17043; based on the Tattersfield method (using the consensus mean and target standard deviation)	98.0–99.5%; 8–12 seeds/sample	
2-2026	Nébih MGEI Central Seed Testing Laboratory 1024 Budapest, Kis Rókus u. 15/A	March 3–4, 2026	Pea seed	Visual proficiency test for seeds	Purity, presence of other seeds, germination capacity	April 2, 2026	In-person collection	50 400 Ft	According to MSZ EN ISO/IEC 17043	Not applicable.	MSZ EN ISO/IEC 17043; based on the Tattersfield method (using the consensus mean and target standard deviation)	98.0–99.5%; 8–12 seeds/sample	
3-2026	Nébih MGEI Central Seed Testing Laboratory 1024 Budapest, Kis Rókus u. 15/A	March 3–4, 2026	Alfalfa seed	Visual proficiency test for seeds	Germination capacity	April 2, 2026	In-person collection	51 200 Ft	According to MSZ EN ISO/IEC 17043	Not applicable.	MSZ EN ISO/IEC 17043; based on the Tattersfield method (using the consensus mean and target standard deviation)	75–98%	
2026 Trichinella proficiency test	Nébih ÉLI National Reference Laboratory for Microbiology, 1095 Budapest, Mester u. 81.	April 14, 2026 (round 1) April 21, 2026 (round 2)	Pork	Parasitological proficiency test	*Detection and enumeration of Trichinella spiralis larvae*	April 17, 2026 (round 1) April 24, 2026 (round 2)	In-person collection	Free of charge	According to ISO 22117	Not applicable	Based on the recommendation of the International Commission on Trichinellosis (DOI: 10.1016/j.fawpar.2019.e00059)	Positive/negative; 3–5 larvae per positive sample	
4-2026	Nébih ÉLI National Reference Laboratory for Analytical Chemistry 1118 Budapest, Budaörsi út 141–145.	April 21, 2026	Meat product	Food analytical proficiency test	NaCl content (calculated as Cl), NaCl content (calculated as Na), water activity, Ca content	~~May 21, 2026~~ May 5, 2026	In-person collection	56 000 Ft	According to MSZ EN ISO/IEC 17043	According to MSZ EN ISO/IEC 17043	According to MSZ EN ISO/IEC 17043	NaCl content: max. 5.0% (m/m) (referred to 58% moisture content); Water activity (aw): max. 0.91; Ca content: 0.001–400 mg/kg	The date was changed because the stability of the parameters can be guaranteed during the specified time interval.
5-2026	Nébih ÉLI National Reference Laboratory for Plant Health, Budapest site 1118 Budapest, Budaörsi út 141–145.	~~May 5, 2026~~ June 23, 2026	Grape press juice	Plant health proficiency test	Detection of grapevine flavescence dorée phytoplasma by PCR*	~~May 22, 2026~~ July 10, 2026	In-person collection	70 900 Ft	According to MSZ EN ISO/IEC 17043	According to MSZ EN ISO/IEC 17043	According to MSZ EN ISO/IEC 17043	Positive/negative	Proficiency test NOT organized under accreditation
6-2026	Nébih ÉLI National Reference Laboratory for Microbiology, 1095 Budapest, Mester u. 81.	May 12, 2026	Ready-to-eat food	Food microbiology proficiency test	*Clostridium perfringens count (CFU, MPN), detection; sulphite-reducing Clostridium count (CFU, MPN), detection*; Listeria monocytogenes detection and count (CFU); Salmonella spp. detection*	May 29, 2026	In-person collection	66 200 Ft	According to MSZ EN ISO/IEC 17043	According to MSZ EN ISO/IEC 17043	According to MSZ EN ISO/IEC 17043	0–1,000,000 CFU/g; positive/negative	

*Not accredited proficiency testing parameter.

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7-2026	Nébih ÉLI National Reference Laboratory for Plant and Soil Protection, 2481 Velence, Ország út 23.	May 12, 2026	Soil	Soil proficiency test	pH(H_2O), pH(KCl), lime content, humus, Arany plasticity index (KA), total water-soluble salts, NH_4^+-N (KCl-extractable), (NO_3^- + NO_2^-)-N (KCl-extractable), SO_4^{2-}-S (KCl-extractable), Mg (KCl-extractable), P_2O_5 (AL-extractable), K_2O (AL-extractable), Na (AL-extractable), Ca (AL-extractable)*, Cu (EDTA-extractable), Zn (EDTA-extractable), Mn (EDTA-extractable), Fe (EDTA-extractable), particle-size distribution, sedimentable fraction, y1/y2 or soda*, exchangeable cations (Ca, Mg, Na, K), S-value*	June 12, 2026	By post	80 600 Ft	According to MSZ EN ISO/IEC 17043	According to MSZ EN ISO/IEC 17043	According to MSZ EN ISO/IEC 17043	pH(H_2O): 5–9; pH(KCl): 4–8; lime: 0.1–25%; humus: 0.2–4%; KA: 25–60; total water-soluble salts: 0.02–0.5; particle-size distribution (0.005–0.002 mm; 0.005–0.002 mm; clay; coarse sand; fine sand; silt-sized sand; silt): 0.01–45.0% (m/m) Sedimentable fraction: 10–40% (m/m) Exchangeable cations (Ca, Mg, Na, K): 0.001–20.0 mmol/100 g S-value: 10.0–50.0 meq/100 g Nutrients: 0–50 g/kg	Some test parameters were changed due to the characteristics of the proficiency test sample.
~~8-2026~~	~~Nébih ÉLI National Reference Laboratory for Plant and Soil Protection, 2481 Velence, Ország út 23.~~	~~May 12, 2026~~	~~Soil~~	~~Soil proficiency test~~	~~*Azotobacter agile test**~~	~~June 12, 2026~~	~~By post~~	~~59 300 Ft~~	~~According to MSZ EN ISO/IEC 17043~~	~~According to MSZ EN ISO/IEC 17043~~	~~According to MSZ EN ISO/IEC 17043~~	~~+ / positive (growth)~~ ~~± (weak growth inhibition)~~ ~~– / negative (growth inhibition)~~	CANCELLED
9-2026	Nébih ÉLI National Reference Laboratory for Radioanalytical Measurements, 1182 Budapest, Fogoly u. 13–15.	May 12, 2026	Sample of plant origin	Radioanalytical proficiency test	Gamma-emitting radionuclides, Total beta activity concentration	June 26, 2026	In-person collection	64 300 Ft	According to MSZ EN ISO/IEC 17043	According to MSZ EN ISO/IEC 17043	According to MSZ EN ISO/IEC 17043	Indicated sample below exemption level; gamma emitters: 0–600 Bq/kg per isotope	
~~10-2026~~	~~Nébih ÉLI National Reference Laboratory for Microbiology, 1095 Budapest, Mester u. 81.~~	~~May 19, 2026~~	~~Product of plant origin~~	~~GMO proficiency test~~	~~GMO screening: detection of 35S promoter, NOS terminator, EPSPS and pat/bar gene sequences~~	~~June 19, 2026~~	~~In-person collection~~	~~95 200 Ft~~	~~According to MSZ EN ISO/IEC 17043~~	~~According to MSZ EN ISO/IEC 17043~~	~~According to MSZ EN ISO/IEC 17043~~	~~Positive/negative~~	CANCELLED
11-2026	Nébih ÉLI National Reference Laboratory for Analytical Chemistry 1118 Budapest, Budaörsi út 141–145.	July 21, 2026	Feed	Feed analytical proficiency test	Weende analysis: moisture, crude protein, digestible crude protein, crude fat, crude fibre, starch, total sugars, crude ash; Macro- and microelements: Na, P, Ca, Zn, Cu, Fe, Mn, Se Vitamins (A, D3, E, K3, B1, B2, B6)*, xanthophyll*	August 21, 2026	By post	80 600 Ft	According to MSZ EN ISO/IEC 17043	According to MSZ EN ISO/IEC 17043	According to MSZ EN ISO/IEC 17043	Moisture: 8–14.5%; crude protein: 14.5–18.5%; digestible crude protein: 12–18%; crude fat: 2.5–5.5%; crude fibre: 2.8–5.2%; starch: 33–45%; total sugars: 2–10%; crude ash: 10–15.5%; Na: 0.05–0.25%; P: 0.2–0.65%; Ca: 2–4.5%; Zn: 40–100 mg/kg; Cu: 2–12 mg/kg; Fe: 10–40 mg/kg; Mn: 50–120 mg/kg; Se: 0.1–0.5 mg/kg; vitamin A: 5,000–10,000 IU/kg; vitamin D3: 1,800–3,200 IU/kg; vitamin E: 10–45 mg/kg; vitamin K3: 1–10 mg/kg; vitamin B1: 0.8–2.5 mg/kg; vitamin B2: 1–8 mg/kg; vitamin B6: 1–6 mg/kg; xanthophyll: 1–40 mg/kg	
12-2026	Nébih ÉLI National Reference Laboratory for Microbiology, 1095 Budapest, Mester u. 81.	September 22, 2026	Poultry faeces; serogroup determination	Microbiology proficiency test	*Detection of Salmonella spp.; exclusion of the presence of S. Enteritidis and S. Typhimurium based on O serogroup*	October 9, 2026	In-person collection	63 600 Ft	According to MSZ EN ISO/IEC 17043	Not applicable	According to MSZ EN ISO/IEC 17043	Positive/negative; presence of S. Enteritidis and S. Typhimurium can/cannot be excluded / not Salmonella genus	
13-2026	Nébih ÉLI National Reference Laboratory for Microbiology, 1095 Budapest, Mester u. 81.	October 6, 2026	Hygiene sample	Food microbiology proficiency test	Aerobic mesophilic colony count; coagulase-positive Staphylococcus detection and count (CFU, MPN); Enterococcus spp. detection* and count (CFU, MPN); Campylobacter spp. detection and count (CFU)	October 22, 2026	In-person collection	65 100 Ft	According to MSZ EN ISO/IEC 17043	According to MSZ EN ISO/IEC 17043	According to MSZ EN ISO/IEC 17043	0–1,000,000 CFU/g; detectable/not detectable	
14-2026	Nébih ÉLI National Reference Laboratory for Toxicology, 1095 Budapest, Mester u. 81.	October 13, 2026	Fish muscle	Food toxicology proficiency test	Arsenic (As)	November 13, 2026	In-person collection	71 700 Ft	According to MSZ EN ISO/IEC 17043	According to MSZ EN ISO/IEC 17043	According to MSZ EN ISO/IEC 17043	As: 0.001–0.099 mg/kg	

*Not accredited proficiency testing parameter.

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