

O.n.	Subject of analysis	Type of activity/tested features/method	Reference documents	Laboratory activities: A - accredited, NA - not accredited, meeting the requirements of PN-EN / ISO 17025 NN - not accredited, not meeting the requirements of PN-EN / ISO 17025
1.	Fruits, vegetables and preserves, drinks, juices, fruit and vegetable concentrates, food concentrates, cereals and cereal products, raw materials and alcoholic products, raw materials and products of the sugar industry, herbs and spices, vitamin and mineral preparations	Cadmium and lead (Cd, Pb) content by electrothermal atomic absorption spectrometry (ETAAS)	PN-EN 14084:2004	A
2.	Fruits, vegetables and preserves, drinks, juices, fruit and vegetable concentrates, food concentrates, cereals and cereal products, raw materials and alcoholic products, raw materials and products of the sugar industry, herbs and spices, vitamin and mineral supplements	Zinc, copper, iron (Zn, Cu, Fe) content by flame atomic absorption spectrometry (FAAS)	PN-EN 14084:2004	A
3.	Fruits, vegetables and preserves, drinks, juices, fruit and vegetable concentrates, food concentrates, cereals and cereal products, raw materials and alcoholic products, raw materials and products of the sugar industry, herbs and spices, vitamin and mineral preparations	Calcium, magnesium (Ca, Mg) content by flame atomic absorption spectrometry (FAAS)	PB-ZA 01 wyd. 6 z 01.03.2022	A
4.	Fruits, vegetables and preserves, drinks, juices, fruit and vegetable concentrates, food concentrates, cereals and cereal products, raw materials and alcoholic products, raw materials and products of the sugar industry, herbs and spices, vitamin and mineral preparations	Sodium and potassium (Na, K) content by flame atomic emission spectrometry (FAES)	PB-ZA 01 wyd. 6 z 01.03.2022	A
5.	Fruits, vegetables and preserves, drinks, juices, fruit and vegetable concentrates, food concentrates, cereals and cereal products, raw materials and alcoholic products, raw materials and products of the sugar industry, herbs and spices, vitamin and mineral preparations	Mercury content (Hg) by atomic absorption spectrometry with amalgamation technique	PB-ZA 04 wyd. 6 z 01.03.2022	A
6.	Fruits, vegetables and preserves, drinks, juices, fruit and vegetable concentrates, food concentrates, cereals and cereal products, raw materials and alcoholic products, raw materials and products of the sugar industry, herbs and spices, vitamin and mineral preparations	Arsenic (As) content by electrothermal atomic absorption spectrometry (ETAAS)	PB-ZA 10 wyd. 5 z 20.05.2016	NA
7.	Fruits, vegetables and preserves, drinks, juices, fruit and vegetable concentrates, food concentrates, cereals and cereal products, raw materials and alcoholic products, raw materials and products of the sugar industry, herbs and spices, vitamin and mineral preparations	Tin (Sn) content by electrothermal atomic absorption spectrometry (ETAAS)	PB-ZA 11 wyd. 4 z 15.03.2016	NA
8.	Fruits, vegetables and preserves, drinks, juices, fruit and vegetable concentrates, food concentrates, cereals and cereal products, raw materials and alcoholic products, raw materials and products of the sugar industry, herbs and spices, vitamin and mineral preparations	Manganese content (Mn) by flame atomic absorption spectrometry (FAAS)	PB-ZA 14 wyd. 3 z 15.03.2016	NA
9.	Fruits, vegetables and preserves, drinks, juices, fruit and vegetable concentrates, food concentrates, cereals and cereal products, raw materials and alcoholic products, raw materials and products of the sugar industry, herbs and spices, vitamin and mineral preparations	Phosphorus (P) content by electrothermal atomic absorption spectrometry (ETAAS)	PB-ZA 15 wyd. 5 z 01.06.2023	A
10.	Food products: teas, cereals and cereal products, juices and drinks, hemp-based products	Content of cadmium (Cd), arsenic (As), zinc (Zn), copper (Cu), iron (Fe), lead (Pb), selenium (Se) by inductively coupled plasma ionization mass spectrometry (ICP-MS)	PB-ZA 20 wyd. 2 z 01.06.2023	A
11.	Fruits, vegetables and preserves, drinks, juices, fruit and vegetable concentrates, food concentrates, cereals and cereal products, raw materials and alcoholic products, raw materials and products of the sugar industry, herbs and spices, vitamin and mineral preparations	Cadmium and lead (Cd, Pb) content by electrothermal atomic absorption spectrometry (ETAAS)	PN-EN 14084:2004	A

O.n.	Subject of analysis	Type of activity/tested features/method	Reference documents	Laboratory activities: A - accredited, NA - not accredited, meeting the requirements of PN-EN / ISO 17025 NN - not accredited, not meeting the requirements of PN-EN / ISO 17025
12.	Cereal and cereal products, spices	Ochratoxin A content High-performance liquid chromatography method (HPLC-FLD)	PB-ZA 52, wyd. 4 z 30.03.2017	A
13.	Coffee	Ochratoxin A content High-performance liquid chromatography method (HPLC-FLD)	PB-ZA 52, wyd. 4 z 30.03.2017	NA
14.	Dried fruits	Ochratoxin A content High-performance liquid chromatography method (HPLC-FLD)	PN-EN 15829:2010	A
15.	Beverages, juices and fruit drinks, beer	Ochratoxin A content High-performance liquid chromatography method (HPLC-FLD)	PB-ZA 51, wyd. 1 z 30.03.2015	NN
16.	Spices, grains and cereal products, dried fruits	Content of aflatoxin B1 and the sum of aflatoxins B1, B2, G1 and G2 High-performance liquid chromatography method (HPLC-FLD)	PB-ZA 54, wyd. 4 z 30.03.2017	A
17.	Tea	Content of aflatoxin B1 and the sum of aflatoxins B1, B2, G1 and G2 High-performance liquid chromatography method (HPLC-FLD)	PB-ZA 54, wyd. 4 z 30.03.2017	NA
18.	Sugar and by-products of the sugar industry	Content of aflatoxin B1 and the sum of aflatoxins B1, B2, G1 and G2 High-performance liquid chromatography method (HPLC-FLD)	PB-ZA 50, wyd. 1 z 20.01.2016	NN
19.	Cereal grains and cereal products	Determination of nivalenol content HPLC method with immunoaffinity column purification and UV detection	PB-ZA 56, wyd.1 z 10.08.2018	NN
20.	Nuts and products with nuts	Content of aflatoxin B1 and the sum of aflatoxins B1, B2, G1 and G2 High-performance liquid chromatography method (HPLC-FLD)	PN-EN 14123:2008	NN

21.	Cereals and cereal products, bakery products, cereal-based foods for children	Zearalenone content High-performance liquid chromatography method (HPLC-FLD)	PN-EN 15850:2010	A
22.	Beer	Zearalenone content High-performance liquid chromatography method (HPLC-FLD)	PN-EN 15891:2010	NA
23.	Cereals and cereal products, bakery products, cereal-based foods for children	Deoxynivalenol content High-performance liquid chromatography method (HPLC-FLD)	PN-EN 15850:2010	A
24.	Beer	Deoxynivalenol content High-performance liquid chromatography method (HPLC-FLD)	PN-EN 15891:2010	NA
25.	Cereals and cereal products, bakery products, cereal-based foods for children	Mycotoxin content (FB1, FB2, FB3, HT-2 and T-2 toxins) High-performance liquid chromatography with mass spectrometry (LC-MS) method	PB- ZA 61, wyd. 3 z 25.03.2019	A
26.	Apple juices and drinks, apple puree	Patulin content High-performance liquid chromatography method (HPLC-DAD)	PN-EN 14177:2005	A
27.	Juices, drinks and fruit preserves, sugar, by-products of the sugar industry	Patulin content High-performance liquid chromatography method (HPLC-DAD)	PB-ZA 31, wyd. 8 z 26.06.2017	A
28.	Fruit juices	HMF content High-performance liquid chromatography method (HPLC-DAD)	PB-ZA 32, wyd. 3 z 03.09.2015	NA
29.	Cereal grains, cereal products	Content of ergot alkaloids Liquid chromatography method with mass spectrometry detection (LC-MS/MS)	PB-ZA 62, wyd. 1 z 18.04.2018	A
30.	Low-fat food: fruits, vegetables and their products, cereals and cereal products, sugar and by-products of the sugar industry. Teas, fruit and herbal teas, hop granules, dried hemp and hemp oil.	Content of pesticide residues. Flexible range. Gas chromatography method with mass spectrometry detection (GC/MS)	PN-EN15662:2018	A
31.	Low-fat food: fruits, vegetables and their products, cereals and cereal products, sugar and by-products of the sugar industry	Content of pesticide residues. Flexible range. Gas chromatography method with mass spectrometry detection (GC/MS)	PN-EN15662:2018	A

32.	Food products	Content of fatty acids Gas chromatography method with FID detection (GC/FID)	PB-ZA 33, wyd. 4 z 22.04.2021	A
33.	Alcoholic products	Content of limonene and α - and β - thujones Gas chromatography method with mass spectrometer detection (GC/MS)	PB ZA 34, wyd. 3 z 03.09.2015	NN
34.	Vegetable fats and oils	Contents 3 MCPD Isotope dilution GC-MS method	PB ZA 35, wyd. 2 z 03.09.2015	NN
35.	Grocery products, food additives	Content of volatile compounds SPME/GC/MS technique	PB ZA 36, wyd. 1 z 03.09.2017	NN
36.	Grain products, vegetable and fruit chips, coffee	Acrylamide content Gas chromatography with mass spectrometry (GC/MS) method	PB-ZA 37, wyd. 3 z 28.05.2021	A
37.	Cereal grains and cereal products	Content of polychlorinated biphenyls - indicators and dioxin-like Gas chromatography technique with mass spectrometry detection (GC-MS/MS)	PB-ZA 38, wyd. 2 z 03.09.2015	NN
38.	Spirit products	Ethyl carbamate content Gas chromatography method with mass spectrometry detection (GC/MS/MS)	PB-ZA 39, wyd. 3 z 14.02.2024	NN
39.	Food products, liquid culture media	Content of polyhydric alcohols Gas chromatography method (GC/MS)	PB-ZA 40, wyd. 4 z 22.11.2021	NN
40.	Food products	Content of biogenic amines and free amino acids LC/MS method	PB-ZA 41, wyd. 1 z 10.10.2018	NN
41.	Food products	PAH content GC/MS method	PB-ZA 42, wyd. 1 z 15.02.2018	NN
42.	Post-culture fluids, plant extract	Content of short chain fatty acids (SCFA). GC/MS method	PB-ZA 43, wyd. 1 z 10.08.2021	NN

43.	Beer, wort	Xanthohumol content LC/MS method	PB-ZA 44, wyd. 1 z 30.08.2019	NN
44.	Food products	Glyphosate content LC/MS method	PB-ZA 45, wyd. 2 z 05.04.2022	A
45.	Non-alcoholic drinks, fruit and vegetable preserves, confectionery	Content of aspartame, acesulfame K, saccharin High-performance liquid chromatography method with spectrophotometric detection (HPLC-UV)	PN-EN 12856:2002	A
46.	Food products	Anion content by HPLC-IE	PB-ZA 46, wyd. 1 z 04.11.2021	NN
47.	Dried hemp, hemp oil	Cannabinoid content HPLC-ESI/MS method	PB-ZA 55, wyd. 1 z 10.01.2023	A
48.	Juices and concentrated fruit juices	Lactic or fumaric acid content High-performance liquid chromatography method with spectrophotometric detection (HPLC-UV)	PB-ZA 57, wyd. 4 z 26.06.2017	A
49.	Juices and concentrated fruit juices	Galacturonic acid content High-performance liquid chromatography method with spectrophotometric detection (HPLC-UV)	PB-ZA 58, wyd. 2 z 03.09.2015	NA
50.	Beer	Ergosterol content by liquid chromatography with HPLC-UV spectrophotometric detection	PB-ZA 59, wyd.1 z 04.01.2021	NN