Republic of Bulgaria
Executive Agency
Bulgarian Accreditation Service

Signatory to the EA Multilateral Agreement in this field

ORDER

№ А 297

Sofia, 26.07.2024

Pursuant to Art. 10, para. 1, item 4 and Art. 28 para. 1 of the Law on National Accreditation of Conformity Assessment Bodies, item 6 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure reg. № 31/17 ЛИ/ПА/23.01.2024, report reg. № 31/17 ЛИ/ПА/5/В/05.04.2024 and Statement of the Accreditation Commission reg. № 31/17 ЛИ/ПА/6/В/02.07.2024, I hereby

RE-ACCREDIT

CENTRAL LABORATORY FOR CHEMICAL TESTING AND CONTROL
at BULGARIAN FOOD SAFETY AGENCY

Management and laboratory address: 1330 Sofia,120 Nikola Mushanov Blvd.

To perform testing of:

Type of the scope: *flexible for part of the scope*			
№	**Tested products**	**Type of test/characteristic**	**Testing methods (standard/validated method)**
1	**2**	**3**	**4**
I. Raw materials and products of plant and animal origin			
	Vegetables, fruits and mushrooms - fresh, frozen or dried and products of their processing (1) Cereals (grains, beans) and products of their processing (2) Tea, herbs and spices (3) Wine (4) Beer (5) Nuts and products of their processing (6) Baked coffee, instant coffee, green coffee, cocoa and cocoa products (7) Animal foods and products for their production (8)	1. Pesticide residues*	БДС EN 15662* (1, 2, 3, 4, 12) RESID/02/10:2020* (3) RESID/15/02:2020* (8) RESID/19/04:2019* (11)
		2. Phenoxy carboxylic acids	RESID/06/04:2020 (1, 2, 8)
		3. Dithiocarbamates	RESID/09/01:2015 (1, 2, 8)
		4. Highly polar pesticides*	RESID/19/05:2019* (1, 2, 3, 12)
		5. Bromide ion	RESID/15/01:2015 (1, 2)
		6. Elemental analysis of foods and food additives*	RESID/19/01:2019* (1,2,3,4, 5,6,7, 9, 10, 11)
		7. Elemental analysis of animal foods*	RESID/19/02:2019* (8,12)
		8. Inorganic arsenic	БДС EN 16802 (2, 10)
		9. Aflatoxins B_1, B_2, G_1, G_2	БДС EN 14123 (1, 3, 6) БДС EN ISO 16050 (2, 10) RESID/02/01:2015 (1, 6, 7) RESID/06/03:2019 (3) RESID/15/04:2020 (2, 8)
		10. Deoxynivalenol (DON)	БДС EN 15891 (2, 10) RESID/15/04:2020 (2, 8)
		11. Ochratoxin A	БДС EN 15829 (1, 4) БДС EN 14132 (2, 7, 10)

52 A "Dr. G. M. Dimitrov" Blvd. 1797 Sofia Bulgaria
phone: +359 2 9766 401; fax: +359 2 9766 415
e-mail: office@nab-bas.bg

Type of the scope: *flexible for part of the scope*			
№	**Tested products**	**Type of test/characteristic**	**Testing methods (standard/validated method)**
1	**2**	**3**	**4**
	Food additives (9) Foods and beverages for babies and children (10) Bees (11) Parts of plants (12)		RESID/06/05:2015 (7) RESID/12/01:2017 (3) RESID/15/04:2020 (2, 8)
		12. Zearalenone	БДС EN 15850 (2, 10) RESID/15/04:2020 (2, 8)
		13. Fumonisins B1, B2	БДС EN 14352 (2, 10) RESID/15/04:2020 (2, 8)
		14. Patulin	RESID/02/09:2015 (1, 10)
		15. T-2 and HT-2 toxins	RESID/15/04:2020 (2, 8,10)
		16. Ergot alkaloids	RESID/15/05:2015 (2, 8,10)
		17. Nitrates	RESID/12/02:2015 (1, 10)
II. Plant protection products and Inorganic fertilizers			
1.	Inorganic fertilizers	1.1. Total nitrogen	БДС EN 15750
		1.2. Nitrate nitrogen	БДС EN 15604 БДС EN 15750
		1.3. Ammoniacal nitrogen	БДС EN 15604 БДС EN 15475
		1.4. Amide nitrogen	БДС EN 15604
		1.5. Total diphosphorus pentaoxide	БДС EN 15956 БДС EN 15959 БДС 13418
		1.6. Diphosphorus pentaoxide soluble in 2% citric acid	БДС EN 15920 БДС EN 15959 БДС 13418
		1.7. Diphosphorus pentaoxide soluble in neutral ammonium citrate	БДС EN 15957 БДС EN 15959 БДС 13418
		1.8. Diphosphorus pentaoxide soluble in neutral ammonium citrate and water	БДС 14131 – Amd. 2/93 БДС EN 15959 БДС 13418
		1.9. Diphosphorus pentaoxide soluble in water	БДС EN 15958 БДС EN 15959 БДС 13418
		1.10. Water-soluble dipotassium oxide	БДС EN 15477
		1.11. Cadmium	БДС EN 14888
		1.12. Magnesium	БДС EN 16197
		1.13. Boron	БДС EN 17041
		1.14. Cobalt	БДС EN 16965
		1.15. Copper	
		1.16. Iron	
		1.17. Manganese	
		1.18. Zinc	
		1.19. Elemental analysis of inorganic fertilizers*	RESID/19/03:2019*
2.	Plant protection products	2.1. Copper sulfate Free sulfuric acid Residue insoluble in water	БДС 3962
		2.2. Copper oxychloride	БДС 4422
		2.3. Emulsion stability	CIPAC F MT 36
		2.4. Suspension stability	CIPAC K MT 184

Type of the scope: *flexible for part of the scope*			
№	**Tested products**	**Type of test/characteristic**	**Testing methods (standard/validated method)**
1	**2**	**3**	**4**
		2.5. Quantitative content of active substance*	CIPAC methods* - Determination of active substances through titration/ liquid chromatography/ gas chromatography

Flexible scope: *Implementing a new version of standards/documents or standards/ documents replacing them is allowed. An updated list of standards/documents and their dated versions is provided by the laboratory.*

**In the framework of its competence the laboratory is authorized to determine all indicators (column 3) using the mentioned test methods (column 4) relevant to the product group (column 2) after completed verification/validation, provided the availability of certified reference materials/reference materials and calibrated technical tools. The laboratory keeps a detailed, dated list of the products and indicators falling in the scope of the accreditation.*

***Flexible scope references:**

RESID/02/10* of 17.02.2020: Analytical method for determination of the content of pesticide residues in tea, herbs and spices.
RESID/15/02* of 21.02.2020: Analytical method for determination of pesticide residues in animal foods using GC-MS and LC-MS.
RESID/19/01* of 2019: Determination of elements in raw materials and products of plant and animal origin by inductively coupled plasma mass spectrometry (ICP-MS) after microwave pressure digestion.
RESID/19/02* of 2019: Determination of elements in animal foods and products for their production by inductively coupled plasma mass spectrometry (ICP-MS) after microwave pressure digestion.
RESID/19/03* of 2019: Determination of elements in mineral fertilizers by inductively coupled plasma mass spectrometry (ICP-MS).
RESID/19/04* of 2019: Determination of pesticide residues in bees and bee products.
RESID/19/05* of 2019: Determination of the content of highly polar pesticides in raw materials and products of plant origin and animal foods, and products of their processing.
CIPAC* Collaborative International Pesticides Analytical Council. Determination of active substances using titration/ liquid chromatography/ gas chromatography methods.

Fixed scope references:

RESID/02/01 of 30.01.2015: HPLC analytical method for determination of aflatoxins /B1, B2, G1 and G2/ in nuts, cocoa and products of their processing.
RESID/02/09 of 27.08.2015: Liquid chromatography method for determination of Patulin in fruits, fruit juices and nectars, and canned fruit and vegetables.
RESID/06/03 of 15.02.2019: HPLC analytical method for determination of aflatoxins /B1, B2, G1 and G2/ in herbs and products of their processing.
RESID/06/04 of 08.01.2020: Analytical method for determination of the content of herbicide residues of phenoxy carboxylic acids.
RESID/06/05 of 27.07.2015: HPLC analytical method for determination of ochratoxin A in green coffee.
RESID/09/01 of 14.01.2020: Analytical method for determination of the content of dithiocarbamates in foods of plant origin.
RESID/12/01 of 15.02.2017: Liquid chromatography method for determination of ochratoxin A in spices.
RESID/12/02 of 30.07.2015: Liquid chromatography method for determination of nitrates in fruits and vegetables and fruit/vegetable baby foods.
RESID/15/01 of 18.06.2015: Analytical method for determination of the content of bromide ion as total inorganic bromide in foods of plant origin with GC-ECD.
RESID/15/04 of 27.02.2020: A multimethod for determination of mycotoxins in foods and feeds.
RESID/15/05 of 2015: Determination of ergot alkaloids by liquid chromatography after purification in solid phase extraction columns.

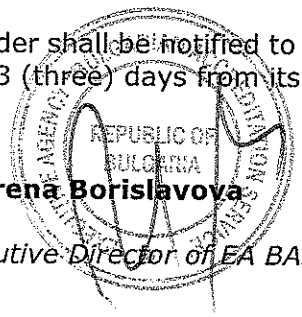
I ORDER

To issue the certificate of accreditation reg. № 17 ЛИ/26.07.2024, valid until 26.07.2028, and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the Manager/ representative of the Central laboratory for chemical testing and control, at BFSA, or other authorized person in the office of EA BAS.

Upon receipt of the certificate and the enclosure issued, the accredited percon is obliged to return to EA BAS the originals of accreditation certificate № 17 ЛИ/20.11.2023, valid until 31.07.2024 and an enclosure – EA BAS order reg. № А 482/20.11.2023 as an integral part of it.

This order shall be notified to the Central laboratory for chemical testing and control, at BFSA, within 3 (three) days from its issuance.



Eng. Irena Borislavova

Executive Director of EA BAS