



REPUBLIC OF BULGARIA
Executive Agency
Bulgarian Accreditation Service



A party to the EA Multilateral Agreement for mutual recognition of EA in this field

ORDER

No. A 477
Sofia, 31 July 2020

Pursuant to Article 10, Paragraph 1, points 3 and 4, and Article 30, Paragraph 1 of the Act on the national accreditation of bodies for conformity assessment and point 7 of Accreditation Procedure BAS QR 2 in connection to an open procedure with Reg. No. 31/17 LI/PA/RO of 14 October 2019, report with Reg. No. 31/17 LI/PA/RO/8/V of 05 June 2020, report G2 of 09 June 2020, opinion of the Accreditation Commission No. 31/17 LI/PA/RO/20/V of 10 July 2020, and letter with Reg. No. 31/17 LI/PA/RO/21/E of 15 July 2020

I REACCREDIT AND EXPAND THE SCOPE OF ACCREDITATION
of
Central Laboratory for Chemical Testing and Control
at the Bulgarian Food Safety Agency

Registered office: 15A Pencho Slaveykov Blvd, Sofia 1606
Address of the laboratory: 120 Nikola Mushanov Blvd, Sofia 1330

To perform testing of:

No.	Name of the tested products	Type of test/indicator	Test methods (standard/validated methods)
1	2	3	4
I. Raw materials and products of plant and animal origin			
	Vegetables, fruits and mushrooms: fresh, frozen or dried and products from their processing (1) Grains (cereals, legumes) and products from their processing (2) Tea, herbs and spices (3) Wine (4) Beer (5) Nuts and products from their processing (6) Baked coffee, instant coffee,	1. Pesticide residues	BDS EN 15662 (1, 2, 3, 4, 12)* RESID/02/10 (3)* RESID/15/02 (8)* RESID/19/04 (11)*
		2. Phenoxy carboxylic acids	RESID/06/04 (1, 2, 8)
		3. Dithiocarbamates	RESID/09/01 (1, 2, 8)
		4. Highly polar pesticides	RESID/19/05 (1, 2, 3, 4, 8, 11, 12)*
		5. Bromide ion	RESID/15/01 (1, 2)
		6. Elemental analysis of foods and food additives	RESID/19/01* (1, 2, 3, 4, 5, 6, 7, 9, 10, 11)*
		7. Elemental analysis of animal foods	RESID/19/02 (8, 12)*
		8. Inorganic arsenic	BDS EN 16802 (2, 10)
		9. Lead	BDS EN 14084 (1, 2, 3, 4, 5, 9)
		10. Cadmium	
		11. Aflatoxins B ₁ , B ₂ , G ₁ , G ₂	BDS EN 14123 (1, 3, 6) BDS EN ISO 16050 (2, 10)*

No.	Name of the tested products	Type of test/indicator	Test methods (standard/validated methods)
1	2	3	4
	green coffee, cocoa and cocoa products (7) Animal foods and products for their manufacturing (8) Food additives (9) Foods and beverages for babies and children (10) Bees and bee products (11) Plant parts (12)	12. Deoxynivalenol (DON) 13. Ochratoxin A 14. Zearalenone 15. Fumonisin B1, B2 16. Patulin 17. T-2 and HT-2 toxins 18. Ergot alkaloids 19. Nitrates	RESID/02/01 (1, 6, 7) RESID/06/03 (3) RESID/15/04 (2, 8)* BDS EN 15891 (2, 10) RESID/15/04 (2, 8)* BDS EN 15829 (1, 4) BDS EN 14132 (2, 7, 10) RESID/06/05 (7) RESID/12/01 (3) RESID/15/04 (2, 8)* BDS EN 15850 (2, 10) RESID/15/04 (2, 8)* BDS EN 14352 (2, 10) RESID/15/04 (2, 8)* RESID/02/09 (1, 10) RESID/15/04 (2, 8, 10)* RESID/15/05 (2, 8, 10)* RESID/12/02 (1, 10)
II. Plant protection products and mineral fertilizers			
1	Inorganic fertilizers	1.1. Total nitrogen 1.2. Nitrate nitrogen 1.3. Ammoniacal nitrogen 1.4. Amide nitrogen 1.5. Total diphosphorus pentaoxide 1.6. Diphosphorus pentaoxide soluble in 2% citric acid 1.7. Diphosphorus pentaoxide soluble in neutral ammonium citrate 1.8. Diphosphorus pentaoxide soluble in neutral ammonium citrate and water 1.9. Diphosphorus pentaoxide soluble in water 1.10. Water-soluble dipotassium oxide 1.11. Cadmium 1.12. Magnesium 1.13. Boron 1.14. Cobalt 1.15. Copper 1.16. Iron 1.17. Manganese 1.18. Zinc 1.19. Elemental analysis of inorganic fertilizers	BDS EN 15750 BDS EN 15604 BDS EN 15750 BDS EN 15604 BDS EN 15475 BDS EN 15604 BDS EN 15956 BDS EN 15959 BDS 13418 BDS EN 15959 BDS EN 15920 BDS 13418 BDS EN 15959 BDS EN 15957 BDS 13418 BDS EN 15959 BDS 13418 BDS 14131 - amend. 2/88 BDS EN 15959 BDS EN 15958 Bds 13418 BDS EN 15477 BDS EN 14888 BDS EN 16197 BDS EN 17041 BDS EN 16965 RESID/19/03*
2	Plant protection products	2.1. Copper sulfate Free sulfuric acid	BDS 3962

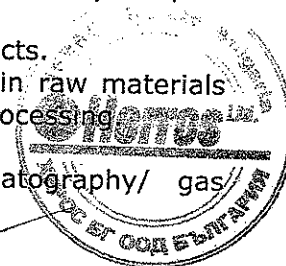


No.	Name of the tested products	Type of test/indicator	Test methods (standard/validated methods)
1	2	3	4
		Residue insoluble in water	
		2.2. Copper oxychloride	BDS 4422
		2.3. Emulsion stability	CIPAC F MT 36
		2.4. Suspension stability	CIPAC K MT 184
		2.5. Quantitative content of active substance	CIPAC methods* - Determination of active substances through titration/ liquid chromatography/ gas chromatography

**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.*

References:

- RESID/02/01 HPLC analytical method for determination of aflatoxins /B1, B2, G1 and G2/ in nuts, cocoa and products from their processing.
- RESID/02/09 Liquid chromatography method for determination of patulin in fruit, fruit juices and nectars, and canned fruit and vegetables.
- RESID/02/10 Analytical method for determination of the content of pesticide residues in tea, herbs and spices.
- RESID/06/03 HPLC analytical method for determination of aflatoxins /B1, B2, G1 and G2/ in herbs and products from their processing.
- RESID/06/04 Analytical method for determination of the content of herbicide residues of phenoxy carboxylic acids.
- RESID/06/05 HPLC analytical method for determination of ochratoxin A in green coffee
- RESID/09/01 Analytical method for determination of the content of dithiocarbamates in foods of plant origin.
- RESID/12/01 Liquid chromatography method for determination of ochratoxin A in spices
- RESID/12/02 Liquid chromatography method for determination of nitrates in fruits and vegetables and fruit/vegetable baby foods.
- RESID/15/01* Analytical method for determination of the content of bromide ion as total inorganic bromide in foods of plant origin with GC-ECD
- RESID/15/02* Analytical method for determination of pesticide residues in animal foods using GC-MS and LC-MS.
- RESID/15/04* A multimethod for determination of mycotoxins in foods and feeds.
- RESID/15/05 Determination of ergot alkaloids by liquid chromatography after purification in solid phase extraction columns.
- RESID/19/01* 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* Determination of elements in animal foods and products for their manufacturing by inductively coupled plasma mass spectrometry (ICP-MS) after microwave pressure digestion.
- RESID/19/03* Determination of elements in mineral fertilizers by inductively coupled plasma mass spectrometry (ICP-MS).
- RESID/19/04* Determination of pesticide residues in bees and bee products.
- RESID/19/05* Determination of the content of highly polar pesticides in raw materials and products of plant origin and animal foods, and products from their processing
- CIPAC* Collaborative International Pesticides Analytical Council.
- Determination of active substances using titration/ liquid chromatography/ gas chromatography methods.



I ORDER

The issue of a Certificate of Accreditation with Reg. No. 17 LI of 31 July 2020, valid until 31 July 2024. The present order shall be included as an Annex to the Certificate and remain an integral part thereof.

The Certificate of Accreditation with the Annex shall be received by the Director of the Central Laboratory for Chemical Testing and Control at BFSA or another authorized person in the building of EA BAS.

Upon receipt of the issued Certificate and Annex, the accredited person is obliged to return to EA BAS the originals of Certificate of Accreditation, Reg. No. 17 LI, issued on 30 June 2016, valid until 30 June 2020 and Annex – Order of EA BSA No. A 332 of 30 June 2016.

The present order shall be notified to the Central Laboratory for Chemical Testing and Control at BFSA within 3 (three) days of its issue.

Eng. IRENA BORISLAVOVA /signed illegibly; round stamp of EA BAS/
Executive Director
of EA Bulgarian Accreditation Service

I, the undersigned Elena Petrova Petrova, do hereby certify that the foregoing is a true and faithful translation to English of the Bulgarian version of the enclosed document: Order for reaccreditation of the Central Laboratory for Chemical Testing and Control at BFSA. The translation consists of 4 (four) pages.

TRANSLATOR:


Elena Petrova Petrova

