REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service

Signatory to the EA Multilateral Agreement in this field

ORDER

№ А 252

Sofia, 30.07.2025

Pursuant to Art. 10, para. 1, items 2, 3, 4, Art. 28, para. 1 of the Law on National Accreditation of Conformity Assessment Bodies, items 6 and 7(3) of the BAS QR 2 Accreditation Procedure, in connection with an application for reaccreditation and extending the scope of accreditation reg. № 09-118/П/16.10.2024, an open procedure reg. № 129/87 ЛИ/ПА/РО/19.11.2024, assessment report reg. № 129/87 ЛИ/7/В/14.04.2025 and statement of the Accreditation Commission reg. № А 129/87 ЛИ/ПА/РО/8/В/04.07.2025, I hereby

RE-ACCREDIT AND EXTEND THE SCOPE OF ACCREDITATION

CENTRAL TESTING LABORATORY
AT AGROPOLYCHIM AD

Management and laboratory address: 9160, Devnya, Industrial zone

To perform testing of:

Type of the scope: *Flexible for a part of the scope*

№	Tested Products	Type of Test/Characteristic	Testing Methods (standard / validated Method)
1	2	3	4
1.	Ammonium nitrate	1.1 Total Nitrogen	БДС EN 15750, Method A
		1.2 Ammoniacal Nitrogen	БДС EN 15475
		1.3 Nitrate Nitrogen	БДС EN 15750, Method A БДС EN 15475
		1.4 pH	Regulation (EU) 2003/2003, Annex III, Method 4
		1.5 Inorganic additives (as MgO)	БДС EN 15960 БДС EN 16198
		1.6 Granulometry	БДС EN 1235
		1.7 Water	БДС EN 13466-1
		1.8 Oil retention with 2 thermal cycles	Regulation (EU) 2019/1009, Annex IV, part II, items 4.1 and 4.2
		1.9 Chlorine, as Cl^-	Regulation (EU) 2003/2003, Annex III, Method 6
		1.10 Heavy metals - Copper	СД CEN/TS 17762
2.	Urea	2.1 Total Nitrogen	БДС EN 15750, Method A
		2.2 Granulometry	БДС EN 1235
		2.3 Water	БДС EN 13466-1
3.	Liquid nitrogen fertilizer	3.1 Total Nitrogen	БДС EN 15750, Method A
		3.2 Ammoniacal Nitrogen	БДС EN 15604, Method 8.2.5.3
		3.3 Nitrate Nitrogen	БДС EN 15750, Method A;

52 A "Dr. G. M. Dimitrov" Blvd. 1797 Sofia Bulgaria
phone: +359 2 9766 401; fax: +359 2 873 53 02
e-mail: office@nab-bas.bg; web: www.nab-bas.bg

Type of the scope: *Flexible for a part of the scope*			
№	**Tested Products**	**Type of Test/Characteristic**	**Testing Methods (standard / validated Method)**
1	2	3	4
			БДС EN 15604, Method 8.2.6.4; БДС EN 15604, Method 8.2.5.3
		3.4 Amide Nitrogen	БДС EN 15604, Method 8.2.6.4
		3.5 Sulphur	БДС EN 15960; БДС EN 15749, cl.7
		3.6 Free Ammonia	БДС 1378, cl.3.3
		3.7 pH	БДС 16749
		3.8 Density	ISO 758
4.	Potassium fertilizers	4.1 Water soluble Potassium (as K_2O)	БДС EN 15477
		4.2 Moisture	БДС 8861, cl.5.7
		4.3 Granulometry	БДС 8861, cl.5.9
5.	Inorganic compound solid fertilizers	5.1 Total Nitrogen	БДС EN 15750, Method A
		5.2 Ammoniacal Nitrogen	БДС EN 15475
		5.3 Nitrate Nitrogen	БДС EN 15750, Method A; БДС EN 15475; БДС EN 15604, Method 8.2.6.4
		5.4 Amide Nitrogen	БДС EN 15604, Method 8.2.6.4
		5.5 Total Phosphorous (as P_2O_5)	БДС EN 15956; БДС EN 15959
		5.6 Phosphorous, soluble in a neutral ammonium citrate (as P_2O_5)	БДС EN 15957; БДС EN 15959
		5.7 Phosphorous, soluble in a neutral ammonium citrate and water (as P_2O_5)	БДС 14131, Amd. 2; БДС EN 15959
		5.8 Water soluble phosphorous (as P_2O_5)	БДС EN 15958; БДС EN 15959
		5.9 Water soluble Potassium (as K_2O)	БДС EN 15477
		5.10 Sulphur	БДС EN 15960; БДС EN 15749, cl.6;
		5.11 Granulometry	БДС EN 1235
		5.12 Water	БДС EN 12048; БДС EN 13466-1
		5.13 Cadmium	БДС EN 16319 + A1
		5.14 Chromium (VI)	БДС EN 16318 + A1, Method A
6.	Inorganic compound liquid fertilizers	6.1 Total Nitrogen	БДС EN 15750, Method A
		6.2 Ammoniacal Nitrogen	БДС EN 15475
		6.3 Nitrate Nitrogen	БДС EN 15750 A; БДС EN 15475; БДС EN 15604, Method 8.2.6.4
		6.4 Amide Nitrogen	БДС EN 15604, Method 8.2.6.4
		6.5 Total Phosphorous (as P_2O_5)	БДС EN 15956; БДС EN 15959
		6.6 Phosphorous, soluble in a neutral ammonium citrate (as P_2O_5)	БДС EN 15957; БДС EN 15959

Type of the scope: *Flexible for a part of the scope*			
№	**Tested Products**	**Type of Test/Characteristic**	**Testing Methods (standard / validated Method)**
1	2	3	4
		6.7 Phosphorous, soluble in a neutral ammonium citrate and water (as P_2O_5)	БДС 14131, Amd. 2; БДС EN 15959
		6.8 Water soluble phosphorous (as P_2O_5)	БДС EN 15958; БДС EN 15959
		6.9 Water soluble Potassium (as K_2O)	БДС EN 15477
		6.10 pH	БДС EN 16749;
7.	Phosphorous granulated fertilizers	7.1 Total Phosphorous (as P_2O_5)	БДС EN 15956; БДС EN 15959
		7.2 Phosphorous, soluble in a neutral ammonium citrate and water (as P_2O_5)	БДС 14131, Amd. 2; БДС EN 15959
		7.3 Phosphorous, soluble in a neutral ammonium citrate (as P_2O_5)	БДС EN 15957; БДС EN 15959
		7.4 Water soluble phosphorous (as P_2O_5)	БДС EN 15958; БДС EN 15959
		7.5 Free Phosphoric acid (as P_2O_5)	БДС EN 14131, cl.4.3
		7.6 Moisture	БДС EN 12048
		7.7 Granulometry	БДС EN 1235
		7.8 Cadmium	БДС EN 16319 + A1
		7.9 Chromium (VI)	БДС EN 16318 + A1, Method A
8.	Nitric acid, technical	8.1 Nitric acid	БДС 1357, cl.3.2
		8.2 Residue after incandescence	БДС 1357, cl.3.3
9.	Sulphuric acid, technical	9.1 Monohydrate	БДС 1152, cl.3.3
		9.2 Ferrum	БДС 1152, cl.3.5
		9.3 Residue after incandescence	БДС 1152, cl.3.6
		9.4 Density	ISO 758
10.	Phosphoric acid, technical	10.1 Content of P_2O_5	БДС 10610/2
		10.2 Content of Sulphuric acid (as SO_3)	БДС 10610/5
		10.3 Content of Fluorine	БДС 10610/6
		10.4 Suspended substances	БДС 10610/7
11.	Drinking water	11.1 pH	БДС 3424
		11.2 Ammonium ion	БДС ISO 7150-1
		11.3 Nitrates	БДС 3758
		11.4 Chlorides	БДС 3414
		11.5 Sulphates	БДС 3588
12.	Water: surface (1), waste	12.1 pH	БДС 17.1.4.27 (1, 2)
		12.2 Insoluble substances	БДС 17.1.4.04 (1,2)
		12.3 Ammonium Nitrogen	БДС ISO 7150-1 (1, 2)
		12.4 Phosphorous: - total - orthophosphates	БДС EN ISO 6878 (1, 2)
		12.5 Cadmium	БДС EN ISO 11885 (1, 2)
		12.6 Fluorides	ISO 10359-1 (1) ISO 10359-2 (2)
		12.7 Sulphates	БДС 17.1.4.03 (1, 2)
		12.8 Chlorides	БДС 17.1.4.24 (1, 2)
		12.9 Arsenic	БДС 17.1.4.22 (1, 2)
		12.10 Temperature	БДС 17.1.4.01 (1, 2)
		12.11 Total organic carbon	БДС EN 1484 (1, 2)

Type of the scope: *Flexible for a part of the scope*			
№	**Tested Products**	**Type of Test/Characteristic**	**Testing Methods (standard / validated Method)**
1	2	3	4
13.	Waste materials: Sludge (1); Waste material from Calcium based reaction (2)	12.12 Nitrogen	БДС EN ISO 20236 (1, 2)
		13.1 pH	БДС EN ISO 10523 (1, 2)
		13.2 Fluorides	ISO 10359-1 (1, 2)
		13.3 Determination of dry residue and water content	БДС EN 12880 (1, 2)
		13.4 Sulphates	БДС ISO 11048 (2)
		13.5 Cadmium	БДС EN ISO 11885 (2)
		13.6 Solved substances/ Total soluble solid substances	БДС 17.1.4.04 (2)
14.	Hazard substances emissions, emitted into the atmosphere from stationary sources	14.1 Nitrous oxides 14.1.1 Nitrogen oxide 14.1.2 Nitrogen dioxide	IVLM 15:2013
		14.2 Ammonia	БДС 17.2.4.05, cl.1
		14.3 Hydrogen fluoride	БДС 17.2.4.12
		14.4 Dust	БДС ISO 9096 БДС EN 13284-1
		14.5 Carbon oxide	IVLM 15:2013
		14.6 Sulphuric dioxide	IVLM 15:2013
		14.7 Oxygen	IVLM 15:2013
15.	Gas flows - parameters	15.1 Pressure	ISO 10780
		15.2 Temperature	ISO 10780
		15.3 Velocity	ISO 10780
		15.4 Volumetric flow rate	ISO 10780
		15.5 Moisture	БДС EN 14790

To perform sampling of:

Type of the scope: *Flexible*		
№	**Product**	**Sampling Method (standardized / internal validated)**
1	**2**	**3**
1.	Waste water	БДС ISO 5667-10
2.	Waste materials	СД CEN/TR 15310-2
3.	Sludge	БДС EN ISO 5667-13
4.	Hazard emissions emitted into the atmosphere from stationary sources	БДС 17.2.4.05, БДС 17.2.4.12 БДС EN 13284-1 БДС ISO 9096 БДС EN 14790

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.*

References:

Regulation (EU) 2003/2003 - Regulation (EU) 2003/2003 dated 13.10.2003 of European Parliament and Council, regarding Fertilizers.
Regulation (EU) 2019/1009 – Regulation (EU) 2019/1009 dated 05.06.2019 of European Parliament and Council, regarding Fertilizers.

Fixed scope reference:

IVLM 15/2013 Internal validated analytical Method– Emissions from stationary sources. Sampling and measurement of gasses concentration.

I ORDER

To issue the certificate of accreditation reg. № 87 ЛИ/30.07.2025, valid until 30.07.2029, 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 Agropolychim AD, Devnya, the head of the Central Testing Laboratory at Agropolychim AD, Devnya, or other authorized person in the office of EA BAS.

Upon receipt of the certificate and the enclosure issued, the accredited person is obliged to return to EA BAS the originals of accreditation certificate reg. № 87 ЛИ/19.05.2023, valid until 30.07.2025 and its enclosure, EA BAS order reg. № A 214/19.05.2023.

This order shall be notified to the Central Testing Laboratory at Agropolychim AD, Devnya, within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director
of Executive agency Bulgarian accreditation service