



Republic of Bulgaria  
Executive Agency  
Bulgarian Accreditation Service



Signatory to the EA Multilateral Agreement in this field

**ORDER**

**№ A 511**

**Sofia, 15.08.2022**

Pursuant to Art. 10, para. 1, item 2a of the Law on National Accreditation of Conformity Assessment Bodies and item 5.3.1. in connection with amendment of elements of the certificate content, according to the item 4.3.8. f) of the BAS QR 2 Accreditation Procedure, letter reg. № 399/191 ЛИ/32/Р/29.04.2022, report reg. № 399/191 ЛИ/32/Р/08.06.2022 and EA BAS order reg. № 510/15.08.2022, I hereby

**AMEND**

EA BAS order, reg. № A 369/16.06.2021, as follows,

**Ecotest Testing Complex  
at Central Scientific Research Laboratory  
University of Chemical Technology and Metallurgy**

**Management address:** 1756 Sofia, 8, Kliment Ohridski Blvd.  
**Laboratory address:** 1756 Sofia, 8, Kliment Ohridski Blvd, building B, floor 3

To perform testing of:

Type of the scope: <i>fixed</i>			
№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
1.	Plastics		БДС EN ISO 11409:2003
1.1	Phenolic resins	Enthalpy ( $\Delta h_p$ )	БДС EN ISO 11357-1:2016
1.2	Phenolic resins	Transition Temperatures ( $\theta_e$ , $\theta_p$ )	ISO 11358-1:2022
1.3	Polymers	Loss in mass (ML)	
2.	Technical ceramics		БДС EN 19628:2021
2.1.	Ceramics composites	Specific heat capacity (Cp)	БДС EN821-3:2005, Method B
2.2.	Monolithic ceramics	Specific heat capacity (Cp)	
3.	Water - underground (1), surface (2), Waste (3), Mineral (4), For irrigation (5), For construction purposes (6), Extracts and eluates (7)	Silver (Ag)	БДС EN ISO 11885:2009
3.1		Aluminum (Al)	БДС EN ISO 11885:2009
3.2		Arsenic (As)	БДС EN ISO 11885:2009
3.3		Boron (B)	БДС EN ISO 11885:2009
3.4		Barium (Ba)	БДС EN ISO 11885:2009
3.5		Beryllium (Be)	БДС EN ISO 11885:2009
3.6		Bismuth (Bi)	БДС EN ISO 11885:2009
3.7		Calcium (Ca)	БДС EN ISO 11885:2009
3.8		Cadmium (Cd)	БДС EN ISO 11885:2009
3.9		Cobalt (Co)	БДС EN ISO 11885:2009
3.10		Chromium (Cr)	БДС EN ISO 11885:2009
3.11			

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<b>Type of the scope: fixed</b>			
<b>№</b>	<b>Tested products</b>	<b>Type of test / characteristic</b>	<b>Testing methods (standard / validated method)</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
3.12.		Copper (Cu)	БДС EN ISO 11885:2009
3.13.		Iron (Fe)	БДС EN ISO 11885:2009
3.14.		Potassium (K)	БДС EN ISO 11885:2009
3.15.		Lithium (Li)	БДС EN ISO 11885:2009
3.16.		Magnesium (Mg)	БДС EN ISO 11885:2009
3.17.		Manganese (Mn)	БДС EN ISO 11885:2009
3.18.		Molybdenum (Mo)	БДС EN ISO 11885:2009
3.19.		Sodium (Na)	БДС EN ISO 11885:2009
3.20.		Nickel (Ni)	БДС EN ISO 11885:2009
3.21.		Phosphorus (P)	БДС EN ISO 11885:2009
3.22.		Lead (Pb)	БДС EN ISO 11885:2009
3.23.		Sulfur (S)	БДС EN ISO 11885:2009
3.24.		Antimony (Sb)	БДС EN ISO 11885:2009
3.25.		Selenium (Se)	БДС EN ISO 11885:2009
3.26.		Silicon (Si)	БДС EN ISO 11885:2009
3.27.		Tin (Sn)	БДС EN ISO 11885:2009
3.28.		Strontium (Sr)	БДС EN ISO 11885:2009
3.29.		Titanium (Ti)	БДС EN ISO 11885:2009
3.30.		Vanadium (V)	БДС EN ISO 11885:2009
3.31.		Tungsten (W)	БДС EN ISO 11885:2009
3.32.		Zink (Zn)	БДС EN ISO 11885:2009
3.33.		Gallium (Ga)	БДС EN ISO 11885:2009
3.34.		Indium (In)	БДС EN ISO 11885:2009
3.35.	Water – surface, underground and waste water	Determination of pH	БДС 17.1.4.27:1980
4.	Soils		
4.1.		Aluminum (Al)	БДС EN ISO 11885:2009
4.2.		Antimony (Sb)	БДС EN ISO 11885:2009
4.3.		Arsenic (As)	БДС EN ISO 11885:2009
4.4.		Barium (Ba)	БДС EN ISO 11885:2009
4.5.		Beryllium (Be)	БДС EN ISO 11885:2009
4.6.		Bismuth (Bi)	БДС EN ISO 11885:2009
4.7.		Boron (B)	БДС EN ISO 11885:2009
4.8.		Cadmium (Cd)	БДС EN ISO 11885:2009
4.9.		Calcium (Ca)	БДС EN ISO 11885:2009
4.10.		Chromium (Cr)	БДС EN ISO 11885:2009
4.11.		Cobalt (Co)	БДС EN ISO 11885:2009
4.12.		Copper (Cu)	БДС EN ISO 11885:2009
4.13.		Iron (Fe)	БДС EN ISO 11885:2009
4.14.		Lead (Pb)	БДС EN ISO 11885:2009
4.15.		Lithium (Li)	БДС EN ISO 11885:2009
4.16.		Magnesium (Mg)	БДС EN ISO 11885:2009
4.17.		Manganese (Mn)	БДС EN ISO 11885:2009
4.18.		Molybdenum (Mo)	БДС EN ISO 11885:2009
4.19.		Nickel (Ni)	БДС EN ISO 11885:2009
4.20.		Phosphorus (P)	БДС EN ISO 11885:2009
4.21.		Potassium (K)	БДС EN ISO 11885:2009
4.22.		Selenium (Se)	БДС EN ISO 11885:2009



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<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	
4.23.		Rubidium (Rb)	БДС EN ISO 11885:2009	
4.24.		Silver (Ag)	БДС EN ISO 11885:2009	
4.25.		Sodium (Na)	БДС EN ISO 11885:2009	
4.26.		Strontium (Sr)	БДС EN ISO 11885:2009	
4.27.		Sulphur (S)	БДС EN ISO 11885:2009	
4.28.		Thallium (Tl)	БДС EN ISO 11885:2009	
4.29.		Tin (Sn)	БДС EN ISO 11885:2009	
4.30.		Titanium (Ti)	БДС EN ISO 11885:2009	
4.31.		Vanadium (V)	БДС EN ISO 11885:2009	
4.32.		Zink (Zn)	БДС EN ISO 11885:2009	
4.33.			Carbon (C)	VLM № 1/2013r.*
			Nitrogen (N)	
5.		Heterocyclic organic compounds containing nitrogen and sulfur. Polymers	Nitrogen (N), Carbon (C), Hydrogen (H), Sulfur (S)	VLM № 1/2013r.*

**References:**

\*VLM № 1/2013 Methodology for determination of Nitrogen (N), Carbon (C), Hydrogen (H) and Sulfur (S) in heterocyclic organic compounds containing nitrogen and sulfur, polymers and soils with Elemental analyzer Euro EA 3000.

**I ORDER**

To issue the Certificate of accreditation reg. № 191 ЛИ/15.08.2022, valid until 08.01.2024, and this order as an integral part of it.

The Certificate of accreditation with the enclosure to be received at the office of EA BAS by the Manager / representative of the Central Scientific Research Laboratory - University of Chemical Technology and Metallurgy, Sofia, the head of Ecotest Testing Complex at Central Scientific Research Laboratory - University of Chemical Technology and Metallurgy, Sofia, 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 № 191 ЛИ / 16.06.2021, valid until 08.01.2024 and its enclosure – EA BAS order reg. № A 369/16.06.2021.

This Order shall be notified to the Central Scientific Research Laboratory - University of Chemical Technology and Metallurgy, Sofia, within 3 (three) days from its issuance.

**Eng. Irena Borislavova**

*Executive Director of EA BAS*