



**REPUBLIC OF BULGARIA**  
Executive Agency  
Bulgarian Accreditation Service

**Signatory to the EA Multilateral Agreement in this field**



## ORDER

**№ A 56**

**Sofia, 30.01.2024**

Pursuant to art. 10, para. 1, item 3, and art. 30, para. 1 of the Law on National Accreditation of Conformity Assessment Bodies and item 7 of Accreditation Procedure BAS QR 2 in connection with an open procedure reg. № 92/229 ЛИ/РО/25.04.2023, reports reg. № 92/229 ЛИ/9/В/30.10.2023 and reg. № 92/229 ЛИ/РО/12/В/23.11.2023, declaration reg. № 92/229 ЛИ/РО/008/Е/27.10.2023 and statement of the Accreditation Commission reg. № 436/221 ЛИ/РО/3/В/23.01.2024, I hereby

### EXTEND THE SCOPE OF ACCREDITATION

**of Aurubis Bulgaria AD  
Analytical Laboratories**

**Management and laboratory address:  
2070 Pirdop, Sofia-Region, Industrial area**

#### To perform testing of:

<b>Type of the scope:</b> <i>flexible for a part of the scope</i>			
<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>
1.	Water - surface, underground, waste industrial and domestic-fecal.	1.1. Active reaction, pH	БДС EN ISO 10523
		1.2. Arsenic, Molybdenum, Calcium, Sulphur, Iron, Copper, Selenium, Zinc, Cadmium, Lead, Nickel, Bismuth, Antimony, Chrome, Manganese, Tin	БДС EN ISO 11885
		1.3. Arsenic, Molybdenum, Copper, Selenium, Zinc, Cadmium, Lead, Nickel, Bismuth, Antimony, Chrome, Manganese, Cobalt, Vanadium, Thallium	БДС EN ISO 17294-2
		1.4. Iron	ВВЛМ 1/2014
		1.5 Dissolved substances	БДС 17.1.4.04
		1.6. Undissolved substances	БДС 17.1.4.04

<b>Type of the scope:</b> <i>flexible for a part of the scope</i>			
<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>
		(Suspended substances)	БДС EN 872
		1.7. Dry residue	БДС 17.1.4.04
		1.8. Sulphates	БДС 17.1.4.03 БДС EN ISO 10304-1
		1.9. Chemical oxygen demand	ISO 15705/ cl.4.2
		1.10. Biological Oxygen Demand 5 (BOD5)	ВВЛМ 2/2006
		1.11. Hydrocarbon index for petrol products	БДС EN ISO 9377-2
		1.12. Mercury	EPA 7473
2.	Emissions from stationary sources	2.1. Total dust	БДС EN 13284-1 БДС ISO 9096
		2.2. Arsenic, Cadmium, Chrome, Copper, Manganese, Nickel, Lead, Antimony, Cobalt, Thallium, Vanadium,	БДС EN 14385
3.	Free air	3.1. Particulate matter (PM10)	БДС EN 12341
		3.2. Arsenic, Cadmium, Nickel, Lead, Copper - PM10	ВВЛМ 3/2013
		3.3. Arsenic, Cadmium, Nickel, Lead, - PM10	БДС EN 14902
4.	Ores, minerals, concentrates, charges	4.1. Carbon	ВВЛМ 5/2023
5.	Soils	5.1. Active reaction, pH / pH (H2O)	БДС EN ISO 10390
		5.2. Arsenic, Cadmium, Copper, Iron, Lead, Zinc, Selenium	ISO 22036

**To perform sampling of:**

<b>Type of scope:</b> <i>flexible</i>		
<b>№</b>	<b>Product</b>	<b>Sampling methods (standard/validated method)</b>
<b>1</b>	<b>2</b>	<b>3</b>
1	Emissions from stationary sources	БДС EN 13284-1 БДС ISO 9096
2.	Atmospheric air	БДС EN 12341

**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 laboratory.*

**Fixed scope references:**

IVLM 1/2014 Quality of water. Application of mass-spectrometry with inductively connected plasma (ICP-MS). Determination of Iron.

IVLM 2/2006 Photometric method with test Spectroquant for determination of BOD5 content in water.

IVLM 3/2013 Method for measuring Pb, Cd, As, Cu and Ni in PM10 of solid particulates in the air.

IVLM 5/2023 Method for determining total carbon in dust samples by infrared analyzer ELTRA ELEMENTRAC HTFR.

## I ORDER

To issue the certificate of accreditation reg. № 229 ЛИ/30.01.2024 to be issued, valid until 15.07.2025 and this order enclosed as an integral part of it.

The certificate of accreditation with the enclosure should be obtained from the manager of Aurubis Bulgaria AD, the head of the Analytical Laboratories at Aurubis Bulgaria AD or other authorized person in the office of EA BAS.

Upon receipt of the certificate issued and enclosure, the accredited person is obliged to return to EA BAS the originals of certificate of accreditation reg. № 229 ЛИ/15.07.2021 valid until 15.07.2025 and its enclosure EA BAS order reg. № A 408/15.07.2021, as an integral part of it.

This order shall be notified to Aurubis Bulgaria AD within 3 (three) from its issuance.

**Eng. Irena Borislavova**  
Executive Director of EA BAS

