



EXECUTIVE AGENCY
BULGARIAN ACCREDITATION SERVICE

BAS reg. № 1 ЛИК

From: 30.04.2019

Valid until: 30.04.2023

CERTIFICATE OF ACCREDITATION

**SPECTRI EOOD
TESTING AND CALIBRATION LABORATORY "SPECTRI – LAB"**

Address of management: 1421 Sofia, Lozenets district, 30 Teodosiy Tarnovski Street, floor 1, apt. 3.

Address of laboratory: 1421 Sofia, Lozenets district, 30 Teodosiy Tarnovski Street, floor 1, apt. 3.

UIC: 175 208 219

Scope of accreditation:

To carry out testing of: Environmental noise

To conduct calibration of: Acoustic (sound) calibrators. Acoustic (sound) multifunctional calibrators. Sound level meters. Personal noise dose meters.

ACCREDITED ACCORDING TO БДС EN ISO/IEC 17025:2006

Order No A 159/30.04.2019. is an integral part of Certificate of Accreditation, 4 pages totally.

Date of initial accreditation: 30.04.2019

Executive director:

Eng. Irena Borislavova



EA BAS

BG20190007



Republic of Bulgaria
Executive Agency
Bulgarian Accreditation Service



Signatory to the EA Multilateral Agreement in this field

ORDER

No A 159

Sofia, 30.04.2019

On the grounds of Art.10, Paragraph 1, item3 and item 4, Art and Article 30, Paragraph 1 of Law on National Accreditation of Conformity Assessment Bodies and item 7 of the Accreditation Procedure BAS QR 2 in connection with a procedure initiated under Reg. No. 22- ЛИК/10.02.2017 and Report with Reg. No 22 ЛИК/В/05.04.2019, Statement of Opinion issued by Accreditation Commission, Reg. No 22 ЛИК/В/22.04.2019, I hereby

ACCREDIT

TESTING AND CALIBRATION LABORATORY "SPECTRI - LAB" to SPECTRI EOOD

Address of management: 1421 Sofia, Lozenets district, 30 Teodosiy Tarnovski Street, floor 1, apt. 3.

Address of laboratory: 1421 Sofia, Lozenets district, 30 Teodosiy Tarnovski Street, floor 1, apt. 3.

To carry out testing of:

No	Name of the tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
1	Environmental Noise	Equivalent noise level (Equivalent sound pressure level), dBA	BDS ISO 1996-2; BDS 15471; BDS ISO 8297 Methodology of MOEW
		Maximum A-weighted noise level (Maximum A-weighted sound pressure level), dBA	BDS 15471; BDS ISO 1996-2;
		Noise level at the place of impact, dBA	Methodology of MOEW
		Total sound power level, dBA	BDS ISO 8297 Methodology of MOEW

1. References:

Methodology for determining the total sound power emitted by an industrial plant in the environment and determining the noise level at the site of impact of MOEW.

To conduct calibration of:

No	Type of measuring instrument	Measured quantity, measuring unit	Scope of measurement	Calibration and measurement capability (CMC)*	Calibration method
1	2	3	4	5	6
1	Acoustic (sound) calibrators	sound pressure level, dB for nominal frequencies 250 Hz and 1 kHz	94 dB, 114 dB, 124 dB (relative to 20 µPa)	0.15 dB	VLM 01 (BDS EN 60942)
2	Acoustic (sound) multifunctional calibrators	sound pressure level, dB for nominal frequencies from 31.5 Hz to 16 kHz	94 dB, 104 dB, 114 dB (relative to 20 µPa) from 31.5 Hz to 4 kHz from 8 kHz to 16 kHz	0.2 dB 0.4 dB	VLM 01 (BDS EN 60942)
3	Sound level meters	sound pressure level, dB for nominal frequencies 31.5 Hz to 12.5 kHz (acoustic calibration)	from 94 dB to 114 dB (relative to 20 µPa) from 31.5 Hz to 2 kHz From 4 kHz to 12.5 kHz	0.3 dB 0.6 dB	VLM 02 (BDS EHR 60651; BDS EN 60804; BDS EN 61672-1; BDS EN 61672-2; BDS EN 61672-3)
		sound pressure level, dB for nominal frequencies 20 Hz to 16 kHz (electronic calibration)	from 20 dB to 140 dB (relative to 20 µPa)	0.4 dB	
4	Personal noise dose meters	sound pressure level, dB for nominal frequencies: from 63 Hz to 8 kHz (acoustic calibration)	from 60 dB to 120 dB (relative to 20 µPa) - from 63 Hz to 2 kHz - for 4 kHz - for 8 kHz	0.4 dB 0.8 dB 1.3 dB	VLM 03 (BDS EN 61252)
		sound pressure level, dB for nominal frequencies from 63 Hz to 8 kHz (electronic calibration)	from 60 dB to 140 dB	0.4 dB	

1. The calibration of the measuring instruments shall be done only in the laboratory.

2. References:

VLM 01 - Internal laboratory calibration method for sound calibrators (BDS EN 60942)

VLM 02 - Internal laboratory calibration method of sound level meters (BDS EN 60651, BDS EN 60804, BDS EN 61672-1, BDS EN 61672-2, BDS EN 61672-3)

VLM 03 - Internal laboratory methodology for calibration of personal noise dose meters (BDS EN 61252)

I ORDER

The issuance of Certificate of Accreditation Reg. No 1 ЛИК of 30.04.2019, valid until 30.04.2023, with the present Order enclosed as an integral part of the Certificate of Accreditation.

The Certificate of Accreditation with the enclosure are to be received at the building of Executive Agency "Bulgarian Accreditation Service" by the Manager of SPECTRI EOOD, the Head of the TESTING AND CALIBRATION LABORATORY "SPECTRI - LAB" or another duly authorized person.

The present Order is to be communicated to the Manager of SPECTRI EOOD, within 3 (three) days as of its issuance.

Eng. Irena Borislavova

Executive Director of Executive Agency "Bulgarian Accreditation Service"

