CALIBRATION CERTIFICATE

Issued By AcSoft Limited Calibration Laboratory

Date Of Issue: 04-01-2024 **Certificate No:** 1507441-3

Calibrated By: W. Jay

Approved By: A. Pullinger

CUSTOMER

NOVA Acoustics Ltd

Suite 13, Crown House,
94 Armley Road,
Armley,
Leeds,
LS12 2EJ

INSTRUMENT DETAILS

Manufacturer:	CESVA
Model:	CB011
Serial No.:	T253524
Description:	Acoustic Calibrator accuracy class 1 with nominal level of 94 dB, and nominal frequency of 1000 Hz

P/O NUMBER	CONTRACT
DATE RECEIVED	04-01-2024
DATE CALIBRATED	04-01-2024

ENVIRONMENTAL CONDITIONS

Temperature:	19.3	°C
Humidity:	52.1	%rh
Pressure:	99.62	kPa

CALIBRATION RESULTS

The calibrator submitted for testing has successfully completed the Periodic tests of IEC 60942:2003 (BS EN 60942:2003) (Annex B), for class 1 sound calibrators, for the environmental conditions under which the tests were performed.

REPORTED RESULTS

The results contained in this Certificate refer only to the measurements made at the time of test for the instrument detailed above. These results do not reflect the instrument's ability to maintain calibration.

This calibration was performed by AcSoft Ltd, 11 Abbey Court, Fraser Road,
Priory Business Park, Bedford, MK44 3WH
T: 01234 639550 W: www.acsoft.co.uk E: sales@acsoft.co.uk

(AP 04/01/2024 Issue No. 3)

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MEASUREMENT TRACEABILITY

The instrument under test was calibrated using the following equipment:
Svantek SV30A Acoustic Calibrator, ACS023, Certificate No. 06397/1
GRAS 40AG Reference Microphone, ACS009, Certificate No. 06448/2
LAB-EL LB-706B Thermo-Barometer, ACS029, Certificate No. 1148624

NOTES

1. *The information appearing on this certificate has been compiled specifically for this instrument. This calibration certificate is produced with traceable and advanced equipment which permit comprehensive quality assurance verification of all data supplied herein.*
2. *The measurements in this document are traceable to GUM (Central Office of Measures), Poland*
3. *This calibration certificate shall not be reproduced except in full, without written permission from AcSoft Ltd.*

CALIBRATION RESULTS ARE AS FOLLOWS:

SPL

Measured Level	Deviation From Nominal	Uncertainty	Tolerance (dB)	
dB	dB	dB	class 1	class 2
94.16	0.16	0.15	±0.25	±0.4

Frequency

Measured Frequency	Deviation From Nominal	Uncertainty	Tolerance (%)	
Hz	Hz	Hz	class 1	class 2
1000.01	0.01	0.1	±0.7 (±7Hz)	±1.7 (±17Hz)

THD+N

Measured Distortion	Uncertainty	Tolerance (%)	
%	%	class 1	class 2
0.13	0.1	2.5	3.0

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