CERTIFICATE OF CALIBRATION

ISSUED BY **Cirrus Research plc**

DATE OF ISSUE **10 July 2019** CERTIFICATE NUMBER **130575**

Cirrus Research plc
Acoustic House
Bridlington Road
Hunmanby
North Yorkshire
YO14 0PH
United Kingdom

Approved signatory
T.Goodrich
Electronically signed:

Sound Level Meter

Instrument information

Manufacturer:	Cirrus Research plc
Model:	CR:171B
Serial number:	G061094
Class:	1
Firmware version:	3.2.2690

Notes:

Test summary

Date of calibration: 10 July 2019

The calibration was performed respecting the requirements of ISO/IEC 17025:2017.

Notes

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Environmental conditions

The following conditions were recorded at the time of the test:

Pressure: 100.97 kPa Temperature: 22.6 °C Humidity: 57.7 %

Test equipment

Equipment	Manufacturer	Model	Serial number
Signal Generator	TTi	TGA1241	257310
Attenuator	Cirrus Research	ZE:952	52200
Environmental Monitor	Comet	T7510	16966334

Additional instrument information

Instruction manual:

Reference level range: Single range

Pattern approval: No

Source of pattern approval: -

Preamplifier

Model: MV:200F

Serial number: 7629F

Microphone

Model: MK:224

Serial number: 211370A

Test results summary

Test	Result
Internal settings adjustment	Complies
Toneburst response	Complies
Electrical noise-floor	Complies
Linearity	Complies
Frequency weightings	Complies
Frequency and time weightings at 1 kHz	Complies
C-weighted peak	Complies
Overload indication	Complies
High level stability	Complies
Long-term stability	Complies