



CALIBRATION CERTIFICATE

Product : SOUND CALIBRATOR
Model : NC-75
Serial number : 35246308
Manufacturer : RION CO., LTD.
Calibration item : Sound pressure level (with reference standard microphone)
Calibration method : Measured by specified secondary standard microphone
according to JCSS calibration procedure specified by RION.
Ambient conditions : Temperature 22.3 °C, Relative humidity 46 %,
Static pressure 99.8 kPa
Calibration date : 6/12/2024 (D/M/YYYY)
Calibration location : 3-20-41 Higashimotomachi, Kokubunji, Tokyo 185-8533, Japan
RION CO., LTD. Calibration Room

We hereby certify that the results of this calibration were as follows.

Issue date : 11/12/2024 (D/M/YYYY)

Yoshio Maruyama
Manager
Quality Assurance Section,
Quality Assurance Department,
Production Division
RION CO., LTD.
3-20-41 Higashimotomachi, Kokubunji,
Tokyo 185-8533, Japan



This certificate is based on article 144 of the Measurement Law and indicates the result of calibration in accordance with measurement standards traceable to Primary Measurement Standards (National Standards) which realizes the physical units of measurement according to the International System of Units (SI).

The accreditation symbol is attestation of which the result of calibration is traceable to Primary Measurement Standards (National Standards).

The certificate shall not be reproduced except in full, without the written approval of the issuing laboratory.

The calibration laboratory who issued this calibration certificate conforms to ISO/IEC 17025:2017.

This calibration certificate was issued by the calibration laboratory accredited by IAJapan who is a signatory to the Mutual Recognition Arrangement (MRA) of International Laboratory Accreditation Cooperation (ILAC) and Asia Pacific Accreditation Cooperation (APAC). This (These) calibration result(s) may be accepted internationally through ILAC/APAC MRA.

CALIBRATION RESULT

Sound pressure level (with reference standard microphone)

| Measured Value | Expanded Uncertainty * |
|----------------|------------------------|
| 93.98 dB | 0.09 dB |

Specified secondary standard microphone:

Model : 4160

Serial number : 2973341

Reference Sound pressure : 2×10^{-5} Pa

* Defines an interval estimated to have a level of confidence of approximately 95 %.

Coverage factor $k = 2$

Calibration result is the calibration value in ambient conditions during calibration.

BE OUT OF JCSS CALIBRATION

1. Frequency

| Measured Value | Measurement uncertainty ($k = 2$) |
|----------------|-------------------------------------|
| 1000.0 Hz | 4.0×10^{-4} Hz |

Working measurement standard universal counter:

Model : 53132A

Serial number : MY40005574

(JCSS Calibration Certificate No. 2408008578510)

2. Total distortion

| Measured Value |
|----------------|
| 0.3 % |

Working measurement standard distortion meter:

Model : VA-2230A

Serial number : 11076061

(A2LA Calibration Certificate No. 1504-03541)

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