



## CALIBRATION CERTIFICATE

Customer name : \*\*\*\*\*CO., LTD.  
 Customer address : \*\*, \*\*, \*\*, \*\*, Japan  
 Product : MEASUREMENT MICROPHONE  
 Model : UC-00  
 Serial number : 000000  
 Manufacturer : RION CO., LTD.  
 Calibration item : Free-field sensitivity level  
 Calibration method : Comparison with specified secondary standard microphone according to JCSS calibration procedure specified by RION.  
 Microphone bias : 200 V $\pm$ 0.04 V  
 Ambient conditions : Temperature 21.0 °C, Relative humidity 48 %, Static pressure 99.8 kPa  
 Calibration date : \*\*/\*\*/\*\*\*\* (DD/MM/YYYY)

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

In charge of calibration  
 (Signature)

Issue date : \*\*/\*\*/\*\*\*\* (DD/MM/YYYY)

Yoshio Maruyama  
 Manager  
 Quality & Environmental Management System Section,  
 Quality & Environmental Management System Center,  
 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 17025:2005.

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 Laboratory Accreditation Cooperation (APLAC). This (These) calibration result(s) may be accepted internationally through ILAC/APLAC MRA.

## CALIBRATION RESULT

### 1. Free-field sensitivity level

Frequency (Hz)	Measured (dB)	Expanded Uncertainty * (dB)
20	-26.8	0.4
25	-26.7	0.4
31.5	-26.7	0.3
40	-26.7	0.3
50	-26.7	0.3
63	-26.6	0.3
80	-26.7	0.3
100	-26.7	0.3
125	-26.8	0.3
160	-26.8	0.3
200	-26.8	0.2
250	-26.9	0.2
315	-26.9	0.2
400	-26.9	0.2
500	-26.9	0.2
630	-27.0	0.2
800	-27.0	0.2
1000	-27.0	0.2
1250	-27.0	0.3
1600	-27.0	0.3
2000	-27.0	0.3
2500	-27.0	0.3
3150	-27.0	0.3
4000	-27.0	0.3
5000	-27.1	0.3
6300	-27.1	0.3
8000	-27.4	0.3
10000	-27.7	0.5
12500	-27.9	0.5
16000	-28.4	0.5
20000	-29.2	0.5

Free-field sensitivity level: re 1 V/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.

## CALIBRATION RESULT

### 2. Specified secondary standard microphone

Manufacturer	Brüel & Kjær
Model	0000
Serial number	0000000

### 3. Note

Sound pressure levels at the microphone in the anechoic room are 64 dB at 20 Hz and 25 Hz, and 84 dB at other frequencies.

- closing

**SAMPLE**