



**Member State**  
**Switzerland**

**OIML Certificate No.**  
**No R076/2006-A-CH1-2019.05 Rev. 6**

## OIML-CS CERTIFICATE ISSUED UNDER SCHEME A

### *Issuing authority*

*Name* **Federal Institute of Metrology METAS**  
Conformity Evaluation Body METAS-Cert

*Address* Lindenweg 50, 3003 Bern-Wabern, Switzerland

*Person responsible* Gulian Couvreur, Head of METAS-Cert

### *Applicant*

*Name* **Sartorius Lab Instruments GmbH & Co. KG**

*Address* Otto-Brenner-Strasse 20, 37079 Göttingen, Germany

### *Manufacturer*

*Name* **Sartorius Scientific Instruments (Beijing) Co., Limited**

*Address* Yu An Road No. 33, Zone B  
Tianzhu Airport Industrialzone, Shunyi District,  
101 300 Beijing  
PR China

### *Identification of the certified type*

**Precision balances BC-E and BC-A Line**

### *Type*

**BC-EI, BC-EJ, BC-AI, BC-AJ**

This Certificate attests the conformity of the above identified type (represented by the sample or samples identified in the associated test report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):



**R 76-1, edition 2006**

for accuracy class **II**

This Certificate relates only to the metrological and technical characteristics of the type of instrument covered by the relevant OIML Recommendation identified above.

This Certificate does not bestow any form of legal international approval.

## Annex to the OIML-CS Certificate No R076/2006-A-CH1-2019.05 Revision 6

### Metrological characteristics

| Type   | BC-EI, BC-AI        | BC-EJ, BC-AJ        |
|--|---------------------|---------------------|
| Accuracy Class                                 | (II)                |                     |
| Max  | 5 000 g ... 8 200 g | 5 000 g ... 8 200 g |
| e  | 1 g                 | 1 g                 |
| d  | 0.1 g - 1 g         | 0.1 g - 1 g         |
| n  | ≤ 8 200             | ≤ 8 200             |
| Tare-balancing range                           | until 100% of Max   |                     |
| Temperature range                              | +10 °C / +30 °C     |                     |
| Nominal capacity of the load receptor          | 9 840 g             | 9 840 g             |
| Initial zero setting + dead load <sup>1)</sup> | ≤ 4 840 g           | ≤ 4 840 g           |
| Maximum weighing pan size                      | 180 mm x 180 mm     | Ø 180 mm            |

The conformity was established by the results of tests and examinations provided in the associated OIML type evaluation reports:

| No.           | Date       | Including pages |
|---------------|------------|-----------------|
| 6030-01226-06 | 2024-10-17 | 12              |

The technical documentation relating to the identified type is contained in documentation file:

| Name                                    | Date       | Including pages |
|---|------------|-----------------|
| R076_2006-A-CH1-2019.05_Rev_06_LERD_V01 | 2024-10-17 | 6               |

## Annex to the OIML-CS Certificate No R076/2006-A-CH1-2019.05 Revision 6

### *OIML Certificate History:*

| Revision No. | Date       | Description of the modification  |
|--------------|------------|--|
| 00           | 2019-09-24 | First issue  |
| 01           | 2020-09-24 | Extension with the types BC-AI, BC-AJ  |
| 02           | 2020-11-03 | Editorial changes  |
| 03           | 2021-04-15 | Rebranding, new design   |
| 04           | 2021-08-12 | Version of software  |
| 05           | 2022-06-16 | Version of software added, reinforcement of power connector (only in documentation)  |
| 06           | 2024-10-17 | Change of the socket for power supply from SMD (Surface Mounted Device) to THT (Through Hole Technology). Therefore, modification of the mainboard has been conducted. |

### **The OIML Issuing Authority CH1**

3003 Bern-Wabern, 2024-10-17

*Approved by*

Gulian Couvreur, Head of sector  
METAS-Cert



### *Important note:*

Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated OIML type evaluation report(s) is not permitted, although either may be reproduced in full