Name of Accreditation Program	JCSS Accreditation Program
Accreditation Identification	JCSS 0065 Calibration
Name of Conformity Assessment Body	CS Management Department, Shimadzu Corporation
Name of Legal Entity	Shimadzu Corporation JCN 6130001021068
Inquiry Point	Measurement Management CS Management Department TEL: +81-75-823-1379 FAX: +81-75-823-2549

*JCN: Japan Corporate Number

23・05・11-NITE-007
2023-10-23

Certificate of Accreditation

International Accreditation Japan (IAJapan) hereby accredits the following conformity assessment body as a calibration laboratory of Japan Calibration Service System.

Accreditation Identification: JCSS 0065 Calibration

Name of Conformity Assessment Body: CS Management Department, Shimadzu Corporation

Name of Legal Entity: Shimadzu Corporation

Location of Conformity Assessment Body: 1 Nishinokyo-kuwabara-cho, Nakagyo-ku, Kyoto-shi, Kyoto 604-8511, JAPAN

Scope of Accreditation: Mass (as the following pages)

Accreditation Requirement: ISO/IEC 17025:2017*

* The relevant accreditation requirements described in the Accreditation Scheme Document for JCSS are also applied.

Effective Date of Accreditation: 2023-11-01

Expiry Date of Accreditation: 2027-10-31

Date of Initial Accreditation: 1996-04-03

SAITO Kazunori
Chief Executive, International Accreditation Japan (IAJapan)
National Institute of Technology and Evaluation

- International Accreditation Japan (IAJapan) is a laboratory accreditation body which has signed MRAs of ILAC (International Laboratory Accreditation Cooperation) and APAC (Asia Pacific Accreditation Cooperation).
- MRA requirements are, in addition to relevant international standards and guides, requirements for participation in proficiency testing programs, surveillance and reassessment, and the policy for the traceability of measurement for MRA purpose.
- This laboratory fulfills ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. This accreditation means this laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).
- The latest accreditation information is publicly available on IAJapan Website as an accreditation certificate.

General Field of Calibration: Mass
Date of Initial Accreditation of the Field: 1996-04-03
Laboratory's permanent facility/On-site Calibration: Laboratory's permanent facility
Calibration and Measurement Capabilities

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range	Expanded Uncertainty (Level of Confidence Approximately 95 %)
Weight	Weight	20 kg	30 mg
		10 kg	15 mg
		5 kg	7.5 mg
		2 kg	3.0 mg
		1 kg	1.5 mg
		500 g	0.75 mg
		200 g	0.15 mg
		100 g	0.08 mg
		50 g	0.050 mg
		20 g	0.040 mg
		10 g	0.030 mg
		5 g	0.020 mg
		2 g	0.015 mg
		1 g	0.012 mg
		500 mg	0.010 mg
		200 mg	0.008 mg
		100 mg	0.008 mg
		50 mg	0.006 mg
		20 mg	0.005 mg
		10 mg	0.004 mg
		5 mg	0.004 mg
		2 mg	0.004 mg
		1 mg	0.004 mg
	Deadweight	More than 10 kg up to 20 kg	30 mg
		More than 5 kg up to 10 kg	15 mg
		More than 2 kg up to 5 kg	7.5 mg
		More than 1 kg up to 2 kg	3.0 mg
		More than 500 g up to 1 kg	1.5 mg
		More than 200 g up to 500 g	0.75 mg
		More than 100 g up to 200 g	0.15 mg
		More than 50 g up to 100 g	0.08 mg
		More than 20 g up to 50 g	0.075 mg
		More than 10 g up to 20 g	0.050 mg
		More than 5 g up to 10 g	0.040 mg
		More than 2 g up to 5 g	0.030 mg
		More than 1 g up to 2g	0.025 mg
		More than 500 mg up to 1 g	0.020 mg
		More than 200 mg up to 500 mg	0.020 mg
		More than 100 mg up to 200 mg	0.015 mg
		More than 50 mg up to 100 mg	0.012 mg

		More than 20 mg up to 50 mg	0.010 mg
		More than 10 mg up to 20 mg	0.008 mg
		More than 5 mg up to 10 mg	0.008 mg
		More than 2 mg up to 5 mg	0.006 mg
		More than 1 mg up to 2mg	0.004 mg
		1 mg	0.004 mg

#All Calibration Procedures are in-house procedures developed by this laboratory.

Laboratory's permanent facility/On-site Calibration: Laboratory's permanent facility, On-site Calibration
Calibration and Measurement Capabilities

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range	Expanded Uncertainty (Level of Confidence Approximately 95 %)	
			Permanent Laboratory	On-site Calibration
Scale	Non-Automatic Electronic Weighing Instruments	From 1 g up to 5 g	0.08 mg	0.08 mg
		More than 5 g up to 10 g	0.14 mg	0.14 mg
		More than 10 g up to 50 g	0.27 mg	0.28 mg
		More than 50 g up to 100 g	0.37 mg	0.39 mg
		More than 100 g up to 150 g	0.34 mg	0.37 mg
		More than 150 g up to 220 g	0.45 mg	0.50 mg
		More than 220 g up to 300 g	0.62 mg	0.69 mg
		More than 300 g up to 400 g	0.78 mg	0.88 mg
		More than 400 g up to 490 g	0.93 mg	1.1 mg
		More than 490 g up to 1000 g	3.6 mg	3.8 mg
		More than 1 kg up to 2 kg	20 mg	21 mg
		More than 2 kg up to 5 kg	24 mg	26 mg
		More than 5 kg up to 10 kg	0.31 g	0.31 g

#All Calibration Procedures are in-house procedures developed by this laboratory.