

Name of Accreditation Program	JCSS Accreditation Program
Accreditation Identification	JCSS 0010 Calibration
Name of Conformity Assessment Body	Chiba Quality Assurance Section, Quality Assurance Department, SUMITOMOSEIKA CHEMICALS CO., LTD.
Name of Legal Entity	SUMITOMO SEIKA CHEMICALS CO., LTD. JCN 6140001044373
Inquiry Point	Chiba Quality Assurance Section Tel: +81-47-483-0486 FAX: +81-47-483-0961

*JCN: Japan Corporate Number



23•10•12-NITE-014
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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 0010 Calibration

Name of Conformity Assessment Body: Chiba Quality Assurance Section,
Quality Assurance Department,
SUMITOMO SEIKA CHEMICALS CO., LTD.

Name of Legal Entity: SUMITOMO SEIKA CHEMICALS CO., LTD.

Location of Conformity Assessment Body: 1384-1 Kamikoya, Yachiyo City, Chiba 276-0022, JAPAN

Scope of Accreditation: Concentration (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: 2024-03-12

Expiry Date of Accreditation: 2028-03-11

Date of Initial Accreditation: 2020-03-12

A handwritten signature in black ink, appearing to read 'K. Saito'.

SAITO Kazunori

Chief Executive, International Accreditation Japan (IAJapan)

National Institute of Technology and Evaluation

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- 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: Concentration

Date of Initial Accreditation of the Field: 2020-03-12

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 %)
Standard gases	Methane standard gases (air balance)	From 1 vol ppm up to 50 vol ppm	1.0 %
	Propane standard gases (air balance)	From 3.5 vol ppm up to 500 vol ppm	1.0 %
	Propane standard gases (nitrogen balance)	From 150 vol ppm up to 1.5 vol %	1.0 %
	Carbon monoxide standard gases (nitrogen balance)	From 3 vol ppm up to 15 vol %	1.0 %
	Carbon dioxide standard gases (nitrogen balance)	From 300 vol ppm up to 16 vol %	1.0 %
	Nitric oxide standard gases (nitrogen balance)	From 0.5 vol ppm up to 1 vol ppm	5.0 %
		More than 1 vol ppm up to 5 vol ppm	1.5 %
		More than 5 vol ppm up to 5 vol %	1.0 %
	Nitrogen dioxide standard gases (air balance)	From 5 vol ppm up to 50 vol ppm	5.0 %
	Oxygen standard gases (nitrogen balance)	From 1 vol % up to 25 vol %	1.0 %
	Sulfur dioxide standard gases (nitrogen)	From 0.5 vol ppm up to 1 vol ppm	5.0 %
		More than 1 vol ppm up to 50 vol ppm	1.5 %
		More than 50 vol ppm up to 1 vol %	1.0 %
	Zero gases for industrial emission monitoring (air or nitrogen balance)	coexisting analytes CH ₄ : 0.5 vol ppm or less than, CO: 1.0 vol ppm or less than, CO ₂ : 1.0 vol ppm or less than, NO _x : 0.1 vol ppm or less than, SO ₂ : 0.1 vol ppm or less than,	-
	Zero gas for air quality monitoring (air)	coexisting analytes NO _x : 0.005 vol ppm or less than, SO ₂ : 0.005 vol ppm or less than,	-

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

(*) relative value