



Certificate of Accreditation

International Accreditation Japan (IAJapan) hereby accredits the following conformity assessment body as a testing laboratory of ASNITE accreditation program.

Accreditation Identification: ASNITE 0088 Testing

Name of Conformity Assessment Body: Main Building, 2nd Building, 3rd Building and Midori-no-Mori Laboratory,
Research Center of Chiba Pharmaceutical Association

Name of Legal Entity: Research Center of Chiba Pharmaceutical Association

Location of Conformity Assessment Body: (Main Building) 1-12-11 Chuo-ko, Chuo-ku, Chiba-Shi, Chiba, JAPAN
(2nd Building) 1-12-14 Chuo-ko, Chuo-ku, Chiba-Shi, Chiba, JAPAN
(3rd Building) 14-12 Dezuminato, Chuo-ku, Chiba-Shi, Chiba, JAPAN
(Midori-no-Mori Lab.) 2-3-36 Onodai, Midori-ku, Chiba-Shi, Chiba, JAPAN

Scope of Accreditation: As the following pages

Accreditation Requirement: ISO/IEC 17025:2017*

* The relevant accreditation requirements described in the ASNITE - T (E) Accreditation Scheme Document are also applied.

Effective Date of Accreditation: 2019-09-30

Expiry Date of Accreditation: 2023-09-29

Date of Initial Accreditation: 2013-07-18

KISHIMOTO Isao

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.

Name of Accreditation Program	ASNITE-T(E) Accreditation Program
Accreditation No. and Additional Information	ASNITE 0088 Testing
Date of Initial Accreditation	2013-07-18
Effective Date of Accreditation	2019-09-30
Expiry Date of Accreditation	2023-09-29
Latest Date of Issue	2019-09-30
Name and Location of Conformity Assessment Body	Main Building, 2 nd Building, 3 rd Building and Midori-no-Mori Laboratory, Research Center of Chiba Pharmaceutical Association. (Main Building) 1-12-11 Chuo-ko, Chuo-ku, Chiba-Shi, Chiba, JAPAN (2nd Building) 1-12-14 Chuo-ko, Chuo-ku, Chiba-Shi, Chiba, JAPAN (3rd Building) 14-12 Dezuminato, Chuo-ku, Chiba-Shi, Chiba, JAPAN (Midori-no-Mori Lab.) 2-3-36 Onodai, Midori-ku, Chiba-Shi, Chiba, JAPAN
Name of Legal Entity	Research Center of Chiba Pharmaceutical Association JCN 8040005001404
Inquiry Point	Tel: +81-43-242-5828 Fax: +81-43-242-5866
Remarks	This accredited organization meets the requirements of ISO/IEC 17025:2017 and Accreditation Requirements in the Section 6 of Accreditation Scheme (ASNITE-T(E)) 2nd Edition as a calibration laboratory.

* JCN : Japan Corporate Number

Name of Laboratory: Main Building, Research Center of Chiba Pharmaceutical Association

Address of Laboratory: 1-12-11 Chuo-ko, Chuo-ku, Chiba-Shi, Chiba, JAPAN

Conformity Assessment Activities: Working within Accredited Scope of Main Building

Accreditation Scope			Testing Items	Test Methods	Date of Accreditation
Category	Sub-Category	Measurement Techniques			
Environment	Water	ICP/MS	Pb/ Industrial Waste Water and Environmental Water (including sampling)	EA Notification No.59 (1971) EA Notification No.64 (1974) EA Notification No.39 (1989) EA Notification No.55 (1996) EA Notification No.10 (1997) JIS K 0102 54.4 JIS K 0094	2013.07.18
Chemical Products	Water	Atomic Absorption	Hg and related compounds/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 7	
		ICP/AES	Na and related compounds/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 5	
			Ca, Mg (Water Hardness)/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 5	
		ICP/MS	Cd and related compounds/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 6	
			Se and related compounds/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 6	

【NOTE】

EA: Environmental Agency

MHLW: Ministry of Health, Labour and Welfare

Name of Laboratory: Main Building, Research Center of Chiba Pharmaceutical Association

(Continued)

Accreditation Scope			Testing Items	Test Methods	Date of Accreditation
Category	Sub-Category	Measurement Techniques			
Chemical Products	Water	ICP/MS	Pb and related compounds/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 6	2013.07.18
			As and related compounds/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 6	
			Cr(VI) and related compounds/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 6	
			B and related compounds/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 6	
			Zn and related compounds/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 6	
			Al and related compounds/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 6	
			Fe and related compounds/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 6	

【NOTE】

MHLW: Ministry of Health, Labour and Welfare

Name of Laboratory: Main Building, Research Center of Chiba Pharmaceutical Association

(Continued)

Accreditation Scope			Testing Items	Test Methods	Date of Accreditation
Category	Sub-Category	Measurement Techniques			
Chemical Products	Water	ICP/MS	Cu and related compounds/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 6	2013.07.18
			Na and related compounds/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 6	
			Mn and related compounds/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 6	
			Ca, Mg/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 6	
		Gravimetric Analysis	Residues after evaporation/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 23	

【NOTE】

MHLW: Ministry of Health, Labour and Welfare

Name of Laboratory: 2nd Building, Research Center of Chiba Pharmaceutical Association

Address of Laboratory: 1-12-14 Chuo-ko, Chuo-ku, Chiba-Shi, Chiba, JAPAN

Conformity Assessment Activities: Working within Accredited Scope of 2nd Building (except for Reporting of Result)

Accreditation Scope			Testing Items	Test Methods	Date of Accreditation
Category	Sub-Category	Measurement Techniques			
Chemical Products	Water	LC	Anionic surfactants / Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 24	2013.07.18
			Nonionic surfactants / Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 28-2	
Chemical Products	Water	GC/MS	VOCs(10 items)*1/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 14	
			VOCs(4 items)*2/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Information No. Kensui 1010001 (2003) Annex 4 Attachment 1	
			1,3-Dichloropropene*3/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Information No. Kensui 1010001 (2003) Annex 4 Attachment 7	
			VOCs(22 items)*4/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	JWWA: Drinking Water Testing Method (2011) IV-2 2.2	
<p>*1 : Carbon tetrachloride, <i>cis</i>-1,2-Dichloroethylene, <i>trans</i>-1,2-Dichloroethylene, Dichloromethane, Tetrachloroethylene, Trichloroethylene, Benzene, Chloroform, Dibromochloromethane, Bromodichloromethane, Bromoform</p> <p>*2 : 1,2-Dichloroethane, Toluene, 1,1,1-Trichloroethane, 1,1-Dichloroethylene,</p> <p>*3 : <i>cis</i>-1,3-dichloropropene, <i>trans</i>-1,3-Dichloropropene</p> <p>*4 : Carbon tetrachloride, <i>cis</i>-1,2-Dichloroethylene, <i>trans</i>-1,2-Dichloroethylene, Dichloromethane, Tetrachloroethylene, Trichloroethylene, Benzene, Chloroform, Dibromochloromethane, Bromodichloromethane, Bromoform, 1,2-Dichloroethane, 1,1,2-Trichloroethane, Toluene, 1,1,1-Trichloroethane, 1,1-Dichloroethylene, <i>cis</i>-1,3-dichloropropene, <i>trans</i>-1,3-Dichloropropene, <i>o</i>-Xylene, <i>m</i>-Xylene, <i>p</i>-Xylene, <i>p</i>-Dichlorobenzene, 1,2-Dichloropropane</p>					

【NOTE】

MHLW: Ministry of Health, Labour and Welfare

JWWA:Japan Water Works Association

Name of Laboratory: 2nd Building, Research Center of Chiba Pharmaceutical Association

(Continued)

Accreditation Scope			Testing Items	Test Methods	Date of Accreditation
Category	Sub-Category	Measurement Techniques			
Chemical Products	Water	GC/MS	Carbon tetrachloride #/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Tables 14,15	2013.07.18
			1,4-Dioxane / Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Tables 14,15	
			(<i>cis-,trans-</i>)1,2-Dichlor oethylene #/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Tables 14,15	
			Dichloromethane #/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Tables 14,15	

【NOTE】

Items marked with '#' overlap with VOCs (10 items).

MHLW: Ministry of Health, Labour and Welfare

Name of Laboratory: 2nd Building, Research Center of Chiba Pharmaceutical Association

(Continued)

Accreditation Scope			Testing Items	Test Methods	Date of Accreditation
Category	Sub-Category	Measurement Techniques			
Chemical Products	Water	GC/MS	Tetrachloroethylene #/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Tables 14,15	2013.07.18
			Trichloroethylene #/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Tables 14,15	
			Benzene #/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Tables 14,15	
			Chloroacetic acid / Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261(2003) Table 17	
			Chloroform #/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Tables 14,15	
			Dichloroacetic acid / Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261(2003) Table 17	
			Dibromochloromethane #/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Tables 14,15	
			Trihalomethanes #/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Tables 14,15	
			Trichloroacetic acid / Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 17	

【NOTE】

Items marked with ‘#’ overlap with VOCs (10 items).

MHLW: Ministry of Health, Labour and Welfare

Name of Laboratory: 2nd Building, Research Center of Chiba Pharmaceutical Association

(Continued)

Accreditation Scope			Testing Items	Test Methods	Date of Accreditation
Category	Sub-Category	Measurement Techniques			
Chemical Products	Water	GC/MS	Bromodichloromethane #/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Tables 14,15	2013.07.18
			Bromoform #/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Tables 14,15	
			Formaldehyde / Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 19	
			Geosmin / Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 25	
			2-Methylisoborneol / Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 25	
			Phenols / Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 29	

【NOTE】

Items marked with ‘#’ overlap with VOCs (10 items).

MHLW: Ministry of Health, Labour and Welfare

Name of Laboratory: 2nd Building, Research Center of Chiba Pharmaceutical Association

(Continued)

Accreditation Scope			Testing Items	Test Methods	Date of Accreditation
Category	Sub-Category	Measurement Techniques			
Chemical Products	Water	LC/MS	Chloroacetic acid / Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261(2003) Table 17-2	2013.07.18
			Dichloroacetic acid / Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261(2003) Table 17-2	
			Trichloroacetic acid / Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261(2003) Table 17-2	
		Microbial Quantification	General Bacteria / Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 1	
		Enzyme Method	Escherichia coli / Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 2	

【NOTE】

MHLW: Ministry of Health, Labour and Welfare

Name of Laboratory: 3rd Building, Research Center of Chiba Pharmaceutical Association

Address of Laboratory: 14-12 Dezuminato, Chuo-ku, Chiba-Shi, Chiba, JAPAN

Conformity Assessment Activities: Working within Accredited Scope of 3rd Building (except for Reporting of Result)

Accreditation Scope			Testing Items	Test Methods	Date of Accreditation
Category	Sub-Category	Measurement Techniques			
Chemical Products	Water	IC	Nitrous Nitrogen/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 13	2014.05.12
			Cyanide ion and Cyanogen Chloride/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 12	2013.07.18
			Nitrate Nitrogen and Nitrous Nitrogen/ Tap Water, Raw Water, Treating Process W (including sampling)ater, Drinking Water	MHLW Notification No.261 (2003) Table 13	
			Fluorine and related compounds/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 13	
			Chloric acids / Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 16-2	
			Bromic acid/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 18	
			Chloride ion/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 13	
		Ion electrode method	pH/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 31	

【NOTE】

MHLW: Ministry of Health, Labour and Welfare

Name of Laboratory: 3rd Building, Research Center of Chiba Pharmaceutical Association

(Continued)

Accreditation Scope			Testing Items	Test Methods	Date of Accreditation
Category	Sub-Category	Measurement Techniques			
Chemical Products	Water	Other	Taste/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 33	2013.07.18
			Smell/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Table 34	
			Chromaticity / Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Tables 35, 36	
			Turbidity / Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Tables 38, 41	
	TOC	TOC/ Tap Water, Raw Water, Treating Process Water, Drinking Water (including sampling)	MHLW Notification No.261 (2003) Tables 30		

Name of Laboratory: Mirori-no-Mori Laboratory, Research Center of Chiba Pharmaceutical Association

Address of Laboratory: 2-3-36 Onodai, Midori-ku, Chiba-Shi, Chiba, JAPAN

Conformity Assessment Activities: Working within Accredited Scope of Midori-no-Mori Lab.

(except for Reporting of Result)

Accreditation Scope			Testing Items	Test Methods	Date of Accreditation
Category	Sub-Category	Measurement Techniques			
Environment	Water	GC/MS	Dioxins/ Industrial Water and Waste Water (including sampling)	PMO Ordinance No.67 (1999) JIS K 0312 JIS K 0094	2013.07.18
			Dioxins/ Environmental Water (including sampling)	EA Notification No.68 (1999) JIS K 0312 JIS K 0094	

【NOTE】

PMO: Prime Minister's Office

EA: Environmental Agency