



Certificate of Accreditation

International Accreditation Japan (IAJapan) hereby accredits the following conformity assessment body as a testing laboratory of Japan National Laboratory Accreditation System.

Accreditation Identification: JNLA Z80116JP Testing

Name of Conformity Assessment Body: TOKYO LABORATORY, KAKEN TEST CENTER

Name of Legal Entity: KAKEN TEST CENTER

Location of Conformity Assessment Body: 1-7-22, Saiwai-cho, Kawaguchi-shi, Saitama,
332-0016, JAPAN

Scope of Accreditation: as the following pages

Accreditation Requirement: ISO/IEC 17025:2017*

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

Effective Date of Accreditation: as the following pages

Expiry Date of Accreditation: 2025-12-07

Date of Initial Accreditation: 2005-12-08

TANAKA Hideaki

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.

Name of Laboratory : TOKYO LABORATORY, KAKEN TEST CENTER
 Address : 1-7-22, Saiwai-cho, Kawaguchi-shi, Saitama, 332-0016, JAPAN
 Conformity Assessment : Testing, Reporting of Result and Management System Operation (All Accreditation Scope)
 Activities

<Scope of Accreditation>

| Effective Date of Accreditation: 2021-12-08 | | | | | |
|---|------------------------------|--|---|--|--------|
| Scope of Accreditation | Materials or Products Tested | Test Type (Testing Method(s)) | Component, Parameter or Characteristic Tested | Number(s) of JIS, clause and sub-clause | Notice |
| Textile | Textile Products | Tests for color fastness to light, light and perspiration, weathering | Color fastness | Testing Method Standard(s) JIS L 0842 8.3 c) | - |
| | | | | Quotation Standard(s) JIS C 9216 8.11 (2) JIS L 2101 6.11.4 JIS L 2511 6.10.4 JIS L 2512 6.10.4 JIS L 2513 6.10.4 JIS L 4107 7.2 a) (limited to JIS L 0842 7.2) JIS L 4212 6.2.1 JIS L 4403 7.2.1 | - |
| | | Tests for color fastness to washing and laundering, dry cleaning and bleaching with hypochlorite | Color fastness | Testing Method Standard(s) JIS L 0844 7.1 (limited to A-1, A-2 and A-4) | - |
| | | | | Quotation Standard(s) JIS L 2101 6.11.1 and 6.11.2 JIS L 2310 6.9.1 and 6.9.2 JIS L 2403 5.11.1 JIS L 2510 6.9.1 and 6.9.2 JIS L 2511 6.10.1 and 6.10.2 JIS L 2512 6.10.1 and 6.10.2 JIS L 2513 6.10.1 and 6.10.2 JIS L 4105 7.1.1 JIS L 4107 Appendix2 4.2.1 JIS L 4212 6.2.2 JIS L 4403 7.2.2 | - |
| | | Tests for color fastness to perspiration, water, sea water and transfer of dye | Color fastness | Testing Method Standard(s) JIS L 0848 | - |
| | | | | Quotation Standard(s) JIS L 4107 7.2 c) and Appendix2 4.2.2 JIS L 4212 6.2.3 | - |
| | | Test for tensile strength of textiles | Physical property | Testing Method Standard(s) JIS L 1013 8.5 JIS L 1095 9.5 JIS L 1096 8.14.1 a) and 8.14.1 b) | - |
| | | | | Quotation Standard(s) JIS L 2101 6.6 JIS L 2310 6.5 JIS L 2403 5.6 JIS L 2510 6.5 JIS L 2511 6.6 JIS L 2512 6.6 JIS L 2513 6.6 JIS L 4107 7.4.2 e) and Appendix2 4.3 | - |
| | | Test for dimensional change of textiles | Shrinkage performance | Testing Method Standard(s) JIS L 1096 8.39.5 a) 2), 8.39.5 a) 3) and 8.39.5 a) JIS L 1909 | - |
| | | | | Quotation Standard(s) JIS L 4105 7.2 JIS L 4107 7.3 and Appendix2 4.1 JIS L 4131 6.1.4 JIS L 4212 6.3 JIS L 4403 7.1 | - |

| Scope of Accreditation | Materials or Products Tested | Test Type (Testing Method(s)) | Component, Parameter or Characteristic Tested | Number(s) of JIS, clause and sub-clause | Notice |
|------------------------|------------------------------|--|---|--|--------|
| cont. | cont. | Test for color fastness to rubbing | Color fastness | Testing Method Standard(s) JIS L 0849 9.2 a) and 9.2 b) | - |
| | | | | Quotation Standard(s) JIS C 9216 8.11 (1) JIS L 2101 6.11.3 JIS L 2310 6.9.4 JIS L 2403 5.11.2 JIS L 2510 6.9.3 JIS L 2511 6.10.3 JIS L 2512 6.10.3 JIS L 2513 6.10.3 JIS L 4105 7.1.2 JIS L 4107 7.2 d) and Appendix2 4.2.3 JIS L 4403 7.2.3 | - |
| | | Test for bursting strength of textiles | Physical property | Testing Method Standard(s) JIS L 1096 8.18.1 | - |
| | | | | Quotation Standard(s) JIS L 4107 7.4.2 a) JIS L 4131 6.1.3 | - |

Effective Date of Accreditation: 2022-01-14

| Scope of Accreditation | Materials or Products Tested | Test Type (Testing Method(s)) | Component, Parameter or Characteristic Tested | Number(s) of JIS, clause and sub-clause | Notice |
|------------------------|------------------------------|---|---|--|--------|
| Textile | Textile Products | Textiles-Methods for determination of certain aromatic amines derived from azo colorants-Part1: Detection of the use of certain azo colorants accessible with and without extracting the fibres | Detection of azo colorants | Testing Method Standard(s) JIS L 1940-1 | - |
| | | Textiles-Methods for determination of certain aromatic amines derived from azo colorants-Part3: Detection of the use of certain azo colorants, which may release 4-aminoazobenzene | Detection of azo colorants | Testing Method Standard(s) JIS L 1940-3 | - |

Effective Date of Accreditation: 2023-02-03

| Scope of Accreditation | Materials or Products Tested | Test Type (Testing Method(s)) | Component, Parameter or Characteristic Tested | Number(s) of JIS, clause and sub-clause | Notice |
|--------------------------------------|--------------------------------------|-------------------------------|---|---|--------|
| Antibacterial and Antiviral Activity | Antibacterial and Antiviral Products | Antibacterial Test | Antimicrobial Activity Value | Testing Method Standard(s) JIS L 1902 8.1 (except for 8.1.4.5.3) JIS Z 2801 5 | - |

Effective Date of Accreditation: 2024-04-18

| Scope of Accreditation | Materials or Products Tested | Test Type (Testing Method(s)) | Component, Parameter or Characteristic Tested | Number(s) of JIS, clause and sub-clause | Notice |
|--------------------------------------|--------------------------------------|------------------------------------|---|---|--------|
| Antibacterial and Antiviral Activity | Antibacterial and Antiviral Products | Antiviral Test of Textile Products | Antiviral Activity Value | Testing Method Standard(s) JIS L 1922 13.1 | - |

Remarks: The latest scope of accreditation that are published on the official gazette,IAJapan web site and so on are applied to the detail of scope of accreditation.

(End of Certificate)