



22·12·08- NITE-AC-002  
2 0 2 3 - 0 5 - 0 9

## Certificate of Accreditation

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

Accreditation Identification: ASNITE 0082 RMP

Name of Conformity Assessment Body: Osaka Plant, FUJIFILM Wako Pure Chemical Corporation

Name of Legal Entity: FUJIFILM Wako Pure Chemical Corporation

Location of Conformity Assessment Body: 6-1 Takata-cho, Amagasaki-shi, Hyogo 661-0963, JAPAN

Scope of Accreditation: as the following pages

Accreditation Requirement: ISO 17034:2016\*

\* The relevant accreditation requirements described in the Accreditation Scheme Document for ASNITE-R (General) are also applied.

Effective Date of Accreditation: 2023-05-10

Expiry Date of Accreditation: 2027-05-09

Date of Initial Accreditation: 2016-01-19

SAITO Kazunori

Chief Executive, International Accreditation Japan (IAJapan)

National Institute of Technology and Evaluation

- International Accreditation Japan (IAJapan) is an RMP 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 on the traceability of measurement for MRA purpose.

- This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system in accordance with the recognized International Standard ISO 17034:2016.

- The latest accreditation information is publicly available on IAJapan Website as an accreditation certificate.

Category: Chemical Reference Materials

Type: Certified Reference Material

Property Characterized: Concentration

Measurement techniques: The Japanese Pharmacopoeia 18<sup>th</sup> edition

The Approach Used to Assign a Property Value: Measurement by a Single Method in a Single Laboratory  
(ISO 17034:2016 7.12.3 NOTE 1 d))

| Sub-category                                      | Property                                      | Range of Property Value | Range of Expanded Uncertainty (level of confidence approximately 95%) | Characterization Techniques (s) | Effective Date of Accreditation |
|---|---|-------------------------|---|---------------------------------|---------------------------------|
| Inorganic Reference Material High Purity Material | 0.1 mol/L Hydrochloric acid (Factor (20 °C))  | 0.990 ~ 1.009           | 0.003   | Potentiometric titrimetry       | 2023-05-10                      |
|   | 0.2 mol/L Hydrochloric acid (Factor (20 °C))  | 0.990 ~ 1.009           | 0.002   | Potentiometric titrimetry       |                                 |
|   | 0.5 mol/L Hydrochloric acid (Factor (20 °C))  | 0.990 ~ 1.009           | 0.002   | Potentiometric titrimetry       |                                 |
|   | 1.0 mol/L Hydrochloric acid (Factor (20 °C))  | 0.990 ~ 1.009           | 0.002   | Potentiometric titrimetry       |                                 |
|   | 2.0 mol/L Hydrochloric acid (Factor (20 °C))  | 0.990 ~ 1.009           | 0.002   | Potentiometric titrimetry       |                                 |
|   | 0.05 mol/L sulfuric acid (Factor (20 °C))     | 0.990 ~ 1.009           | 0.003   | Potentiometric titrimetry       |                                 |
|   | 0.25 mol/L sulfuric acid (Factor (20 °C))     | 0.990 ~ 1.009           | 0.002   | Potentiometric titrimetry       |                                 |
|   | 0.5 mol/L sulfuric acid (Factor (20 °C))      | 0.990 ~ 1.009           | 0.002   | Potentiometric titrimetry       |                                 |
|   | 0.1 mol/L sodium thiosulfate (Factor (20 °C)) | 0.990 ~ 1.009           | 0.003   | Potentiometric titrimetry       |                                 |
|   | 0.1 mol/L silver nitrate (Factor (20 °C))     | 0.990 ~ 1.009           | 0.002   | Potentiometric titrimetry       |                                 |
|   | 1 mol/L Sodium hydroxide (Factor (20 °C))     | 0.990 ~ 1.009           | 0.002   | Potentiometric titrimetry       |                                 |

*(End of Attachment)*