24･02･20NITE-AC-003
2024-12-04

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 0018 Testing

Name of Conformity Assessment Body: Food Analysis and Standardization Team,
Food Research Institute,
National Agriculture and Food Research Organization

Name of Legal Entity: National Agriculture and Food Research Organization

Location of Conformity Assessment Body: 2-1-12, Kannondai, Tsukuba-shi, Ibaraki
305-8642, 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 ASNITE-T (E) are also applied.

Effective Date of Accreditation: 2025-01-29

Expiry Date of Accreditation: 2029-01-28

Date of Initial Accreditation: 2007-03-30

K. Horisaka

HORISAKA Kazuhide
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.

(*Attachment*)

Name of Laboratory: Food Analysis and Standardization Team, Food Research Institute, National Agriculture and Food Research Organization

Address of Laboratory: 2-1-12, Kannondai, Tsukuba-shi, Ibaraki 305-8642, JAPAN

Work to carry out: Control of management system, Sample storage, Analytical test, Ensuring the validity of results, and Reporting of results

Accreditation Scope			Testing Items	Test Methods	Effective Date of Accreditation
Category	Sub-Category	Measurement Techniques			
Chemical Products	Reference Materials (Testing)	PCR	Content of GMO/ Maize, Soybean (Reference Materials)	Japanese Agricultural Standard (JAS) analytical test handbook (3rd edition, 2012) Genetically modified food quality, labeling analysis manual for individual product Notification on Food Labeling Standards, CAA Notification No. 139:2015 (Revised to CAA Notification No. 389:2021) Annex ISO 21570:2005 Annex C4-9 Validated quantitative detection methods of following GM events: Maize: NK603, MON863, TC-1507, and T25 (research article 1) MIR604 (research article 2) LY038 (research article 3) MIR162 (research article 4) 3272 (research article 5) Soybean: MON89788 (research article 6) A2704-12 (research article 7)	2025-01-29
		ɣ-Ray Spectrometry	Radioactive Cesium/ Rice, Wheat (Reference Materials)	MHLW Notice No. 0315:2012 Article 4 of the Department of Food Safety, Annex	2025-01-29

[NOTE]

CAA: Consumer Affairs Agency

MHLW: Ministry of Health, Labour and Welfare

Research article 1: Reona Takabatake, et. al., Evaluation of Quantitative PCR Methods for Genetically Modified Maize (MON863, NK603, TC1507 and T25), *Food Sci. Technol. Res.*, 16 (5) 421‑430, 2010

Research article 2: Junichi Mano, et. al., Development and Validation of Event-Specific Quantitative PCR Method for Genetically Modified Maize MIR604, *Food Hyg. Saf. Sci.*, 53, (4) 166‑171, 2012

Research article 3: Junichi Mano, et. al., Development and Validation of Event-Specific Quantitative PCR Method for Genetically Modified Maize LY038, *Food Hyg. Saf.*, 54 (1) 24‑30, 2013

Research article 4: Reona Takabatake, et. al., Development and Validation of an Event-Specific Quantitative PCR Method for Genetically Modified Maize MIR162, *Food Hyg. Saf. Sci.*, 55 (5) 205‑209, 2014

Research article 5: Reona Takabatake, et. al., Selection of Suitable DNA Extraction Methods for Genetically Modified Maize 3272, and Development and Evaluation of an Event-Specific Quantitative PCR Method for 3272, *Food Hyg. Saf. Sci.*, 57 (1) 1‑6, 2016

Research article 6: Reona Takabatake, et. al., Establishment and Evaluation of Event-Specific Quantitative PCR Method for Genetically Modified Soybean MON89788, *J. Food Hyg. Soc. Japan*, 51 (5) 242‑246, 2010

Research article 7: Reona Takabatake, et. al., Development and Interlaboratory Validation of Quantitative Polymerase Chain Reaction Method for Screening Analysis of Genetically Modified Soybeans, *Biol. Pharm. Bull.* 36 (1) 131‑134, 2013

(*End of Attachment*)