



FASMAC FOOD ASSESSMENT &
MANAGEMENT CENTER

COMPANY PROFILE

Introduction

We offer our customers quality of custom oligonucleotide and gene synthesis products and DNA sequencing services. We support researchers and scientists by applying advanced information technology and bioinformatics environment with a proven capacity to handle larger scale of database, outputting more accurate datasets. Online ordering system has also been conveniently used allowing customers to access and ensure their orders delivered on time.

Our food testing laboratory offers a wide range of services such as GMO, allergen, microbiology, seed, etc. We obtained ISO/IEC 17025 certification for food ingredient testing and ISTA (International Seed Testing Association) certification providing our customers standardized analytical data to help maintaining the competitiveness of their products. We also manufacture kits and reagents to support our customers in Japan and overseas.

We have successfully promoted applicable technologies in life science through our Business and Development Unit. We are actively engaging in national and international collaboration projects with researchers to provide more support to our customers.

History

FASMAC is a food testing and biotechnology company in Japan. At the time of its establishment, in 2001, FASMAC was the first company in Japan which undertook molecular biological approaches i.e. real-time PCR and DNA sequencing in food testing. These proven techniques were at the beginning developed at Bioscience Division of Nippon Flour Mills Co., Ltd. (NIPPON), which had been focused in food engineering, food testing, DNA synthesis, and genetic analysis.

Advanced DNA detection methods had made it possible to perform GMO testing in FASMAC. The detection was developed based on PCR technique in collaboration with NIPPON, Asahi Beer Co., Ltd., and the National Food Research Institute under the Ministry of Agriculture, Forestry and Fisheries, Japan (MAFF). FASMAC applied this technique because it was recognized as an authorized technique in the handbook of Japan National Standards (MAFF-JAS) as well as in the guideline of Ministry of Health, Labor and Welfare, Japan (MHLW) including MHLW food safety guideline for unidentified species. These competences gave a credible distinction that underline the quality of FASMAC services in compliance with the concerns raised by consumers and regulatory agencies on demand for dependable and accurate testing method for food.

Brand



Products and Services

FASMAC products and services have been widely recognized in various field including life science and biochemistry. Our products and services are as follows.

1. Synthesis products (DNA Craft)

- Artificial gene
- Custom oligonucleotide
- Genome editing tool (gRNA and Cas9 recombinant protein for CRISPR/Cas)
- Transcribed RNA

2. DNA analytical services (DNA Loupe)

- Sanger DNA sequencing
- Next generation sequencing
- DNA fragment analysis
- Genotyping
- qPCR

3. Food testing services

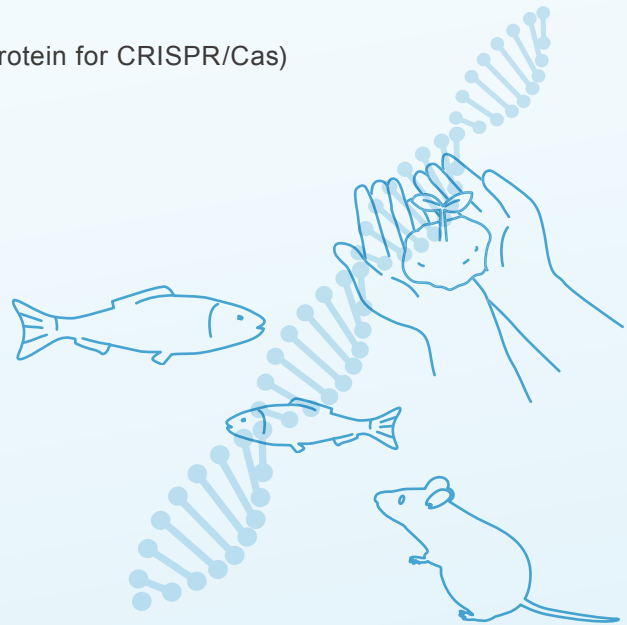
- GMO testing
- Allergen testing
- Species identification (bacteria, plant, meat, etc.)
- Seed testing

4. Kits and reagents manufacture

- GMO testing kits
- Allergen testing kits (Western Blot, ELISA based on Japan Standards)
- Food pathogens detection kit (Kakusan detection kit i.e. Salmonella, Staphylococcus)
- Reagent for research (GenCheck Series i.e. GenCheck DNA Extraction Reagent, GenCheck qPCR Probe Master (dUTP), etc.)
- Reagent for food testing (plant, insect, etc.)
- Reagent for veterinary testing (Johne Pure Spin i.e. Mycobacterium avium subsp. paratuberculosis)

5. Others

- Food safety management (JFS-A/B)



Certification

1. ISO9001

- Custom oligo nucleotide service
- Manufacturing and sales for kits and reagents

2. ISO/IEC 17025

- GMO testing
- Food allergen testing
- Radioactivity analysis

3. ISTA (International Seed Testing Association)

- GMO testing
- Seed health testing

Overview

Company name

FASMAC CO., LTD.

President and Representative Director

Satoshi Futo

Date founded

February 21, 2001

Capital

44,204,800 yen (as of August 1, 2019)

Main business activities

Biotechnological analyses and food testing services
Manufacturing and sales of kits and reagents for research

Share holders

Nippon Flour Mills (NIPPON)
Eurofins Scientific

Subsidiary

Qingdao Chengyu Food Testing Laboratory Co., Ltd. (Qingdao, China)

Division and Unit

- Genetic Analysis Division
- Biotechnological Research Support Division
- Business and Development Unit

Location

■ Head office

5-1-3 Midorigaoka, Atsugi-shi, Kanagawa.
243-0041 Japan
TEL : +81-46-295-8787
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■ Okata Laboratory

Biotechnological Research Support Division
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Contact

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