

# **Food Authenticity Market by Target Testing (Meat Speciation, Country of Origin & Ageing, Adulteration & False Labeling), Technology (PCR-Based, LC-MS/MS, Isotope), Food Tested (Meat, Dairy, Processed Foods), and Region - Global Forecast to 2022**

<https://marketpublishers.com/r/F895EB6FA2DEN.html>

Date: March 2017

Pages: 208

Price: US\$ 5,650.00 (Single User License)

ID: F895EB6FA2DEN

## **Abstracts**

“Food authenticity market projected to grow at a CAGR of 7.6%”

The food authenticity market is projected to reach USD 7.50 billion by 2022, at a CAGR of 7.6% from 2016 to 2022. Stringent regulations in various countries to ensure food authenticity, increased food frauds in terms of false labeling & certification, increased instances of adulterations are some major factors that are driving the food authenticity market. Lack of food control infrastructure & resources in developing countries, complexity of testing techniques, and lack of harmonization of regulations are the factors restraining the market growth.

“The meat speciation segment is projected to be the fastest growing segment in the food authenticity market during the forecast period”

The meat speciation segment is projected to grow at the highest CAGR during the forecast period, due to the increase in number of frauds in meat products and adulterations. Since the price of meat products is high, it is an attractive product for adulteration with cheaper meat to make profits. Therefore, meat adulteration is a common problem in many countries due to which detection of meat speciation has become crucial. This is followed by other adulteration tests segment, which is projected to remain the largest market through 2022.

“PCR based technology led the market with the largest share in 2015”

The PCR-based technology is found to be the most common, reliable, and widely used technology to ensure authenticity of food products. It is projected to grow at the highest CAGR from 2016 to 2022. PCR is a molecular technique that uses DNA as the basis for analysis of meat and food products, providing precise results on testing. The technology amplifies fragments of DNA extracted from the food product samples in order to accurately identify the DNA of each species in the product, resulting in enabled cross-checking of the product's authenticity and confirmation of the claims that the product makes. These factors have been driving the market for PCR-based tests in food authenticity.

“Europe led the market with the largest share in 2015”

Europe was the largest food authenticity market in 2015. Governing organizations present in the market have enforced various food authenticity testing policies. The Asia-Pacific region is projected to be the fastest growing market through 2022 due to the increasing food safety concerns among the consumers and the growing market for processed food. France is projected to be fastest growing country in the European region.

The breakdown of the primaries on the basis of company type, designation, and region, conducted during the research study, is as follows:

By Company type: Tier 1 – 40%, Tier 2 – 50%, and Tier 3 – 10%

By Designation: C Level – 40%, and Director Level – 60%

By Region: North America – 09%, Europe – 70%, Asia-Pacific – 18%, and RoW – 03%

The key players in the food authenticity market include:

SGS SA (Switzerland)

Intertek Group plc (U.K.)

Eurofins Scientific (Luxembourg)

ALS Limited (Australia)

LGC Science Group Ltd (U.K.)

The above-mentioned companies collectively accounted for the largest portion of the food authenticity market in 2015. Other players that also have a strong presence in this market are as follows:

Merieux Nutrisciences Corporation (U.S)

Microbac Laboratories Inc. (U.S.)

EMSL Analytical Inc. (U.S.)

Romer Labs Diagnostic GmbH (Austria)

Genetic ID NA, Inc. (U.S.).

#### Research Coverage:

The report focuses on food authenticity testing services across different industry verticals and regions. It aims at estimating the market size and future growth potential of this market across different segments—target testing, technology, food tested, and region. Furthermore, the report also includes an in-depth competitive analysis of the key players in the market along with their company profiles, SWOT analyses, recent developments, and key market strategies.

#### Reasons to buy the report:

The report would help the market leaders/new entrants in this market by providing them the closest approximations of the revenue numbers for the overall food authenticity market and the subsegments. This report will help stakeholders to better understand the competitive landscape and gain more insights to better position their businesses and make suitable go-to-market strategies. The report also helps the stakeholders to understand the key trends of the market and provides them information on key market drivers, restraints, challenges, and opportunities.

## Contents

### 1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
- 1.4 PERIODIZATION CONSIDERED FOR THE STUDY
- 1.5 CURRENCY
- 1.6 STAKEHOLDERS
- 1.7 LIMITATIONS

### 2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
  - 2.1.1 SECONDARY DATA
    - 2.1.1.1 Key data from secondary sources
  - 2.1.2 PRIMARY DATA
    - 2.1.2.1 Key data from primary sources
    - 2.1.2.2 Key industry insights
    - 2.1.2.3 Breakdown of primaries
- 2.2 MARKET SIZE ESTIMATION
- 2.3 MARKET BREAKDOWN & DATA TRIANGULATION
- 2.4 RESEARCH ASSUMPTIONS

### 3 EXECUTIVE SUMMARY

### 4 PREMIUM INSIGHTS

- 4.1 OPPORTUNITIES IN THE FOOD AUTHENTICITY TESTING MARKET
- 4.2 FOOD AUTHENTICITY TESTING MARKET: KEY COUNTRIES
- 4.3 DEVELOPED VS. DEVELOPING MARKETS FOR FOOD AUTHENTICITY TESTING
- 4.4 FOOD AUTHENTICITY TESTING MARKET, BY TARGET TESTING & REGION
- 4.5 FOOD AUTHENTICITY TESTING MARKET, BY FOOD TESTED & REGION
- 4.6 EUROPE FOOD AUTHENTICITY TESTING MARKET, BY COUNTRY & TARGET TESTING

### 5 MARKET OVERVIEW

*Food Authenticity Market by Target Testing (Meat Speciation, Country of Origin & Ageing, Adulteration & False...*

## 5.1 INTRODUCTION

## 5.2 HIGH INVESTMENT AND R&D TREND IN BIOTECH & FOOD AUTHENTICITY TESTING TECHNOLOGIES

## 5.3 MARKET SEGMENTATION

### 5.3.1 BY TARGET TESTING

### 5.3.2 BY TECHNOLOGY

### 5.3.3 BY FOOD TESTED

### 5.3.4 BY REGION

## 5.4 MARKET DYNAMICS

### 5.4.1 DRIVERS

5.4.1.1 Implementation of stringent regulations in developed countries

5.4.1.2 Increasing incidences of false labeling & certification

5.4.1.3 Increased EMA (economically motivated adulterations) due to high competition

5.4.1.3.1 Addition of exogenous substance

5.4.1.3.2 Addition of endogenous substance

5.4.1.4 Increase in incidence of food frauds

5.4.1.4.1 Usage of banned ingredients

5.4.1.4.2 Products originating from banned processes or banned geographic areas

5.4.1.4.3 Consumer complaints & food recalls

5.4.1.5 Growing international trade

5.4.1.5.1 Complexity of supply chain

5.4.1.5.2 Cross contamination due to complex processes

5.4.1.6 Growing awareness among consumers about food authenticity and regulations

### 5.4.2 RESTRAINTS

5.4.2.1 Lack of food control infrastructure & resources in developing countries

5.4.2.2 Complexity in testing techniques

5.4.2.2.1 Difficulties in detection of unknown adulterants by chemical tests

5.4.2.2.2 Varying test results with test methods

5.4.2.3 Lack of harmonization of regulations

### 5.4.3 OPPORTUNITIES

5.4.3.1 Emerging markets in Asian, African, and other countries

5.4.3.2 Technological advancements in the industry & test kits for onsite testing

### 5.4.4 CHALLENGES

5.4.4.1 Unaffordability of tests by manufacturers

5.4.4.2 Inappropriate sample collection & standardization

## **6 FOOD AUTHENTICITY TESTING MARKET, BY TARGET TESTING**

- 6.1 INTRODUCTION
- 6.2 MEAT SPECIATION
- 6.3 COUNTRY OF ORIGIN AND AGEING
- 6.4 ADULTERATION TESTS
- 6.5 FALSE LABELING
  - 6.5.1 GMO TESTING
  - 6.5.2 ALLERGEN TESTING

## **7 FOOD AUTHENTICITY TESTING MARKET, BY TECHNOLOGY**

- 7.1 INTRODUCTION
- 7.2 PCR (POLYMERASE CHAIN REACTION)-BASED
- 7.3 LC-MS/MS
- 7.4 ISOTOPE METHODS
- 7.5 IMMUNOASSAY-BASED/ELISA (ENZYME-LINKED IMMUNOSORBENT ASSAY)
- 7.6 OTHERS

## **8 FOOD AUTHENTICITY TESTING MARKET, BY FOOD TESTED**

- 8.1 INTRODUCTION
- 8.2 MEAT & MEAT PRODUCTS
- 8.3 DAIRY & DAIRY PRODUCTS
- 8.4 PROCESSED FOOD
- 8.5 INGREDIENTS
- 8.6 CEREALS, GRAINS, AND PULSES

## **9 FOOD AUTHENTICITY TESTING MARKET, BY REGION**

- 9.1 INTRODUCTION
- 9.2 NORTH AMERICA
  - 9.2.1 U.S.
  - 9.2.2 CANADA
  - 9.2.3 MEXICO
- 9.3 EUROPE
  - 9.3.1 GERMANY
  - 9.3.2 U.K.
  - 9.3.3 FRANCE

#### 9.3.4 ITALY

9.3.4.1 PDO (Protected Designation of Origin)

9.3.4.2 PGI (Protected Geographical Indication)

#### 9.3.5 SPAIN

#### 9.3.6 REST OF EUROPE

### 9.4 ASIA-PACIFIC

9.4.1 CHINA

9.4.2 JAPAN

9.4.3 INDIA

9.4.4 AUSTRALIA & NEW ZEALAND

9.4.5 REST OF ASIA-PACIFIC

### 9.5 REST OF THE WORLD (ROW)

9.5.1 BRAZIL

9.5.2 ARGENTINA

9.5.3 MIDDLE EAST

9.5.4 OTHERS IN ROW

## **10 REGULATIONS FOR THE FOOD AUTHENTICITY TESTING MARKET**

### 10.1 INTRODUCTION

### 10.2 INTERNATIONAL BODY FOR FOOD SAFETY STANDARDS AND REGULATIONS

10.2.1 CODEX ALIMENTARIUS COMMISSION (CAC)

### 10.3 GLOBAL FOOD SAFETY INITIATIVE (GFSI)

### 10.4 NORTH AMERICA

10.4.1 U.S. REGULATIONS

10.4.2 U.S. FOOD AND DRUG ADMINISTRATION (FDA)

10.4.2.1 Food allergen labeling and consumer protection act

10.4.2.2 U.S. department of agriculture's food safety and inspection service (FSIS)

10.4.2.3 Federal legislation

10.4.2.3.1 State legislation

10.4.2.3.2 Food safety in retail food

10.4.2.3.3 Food safety in trade

10.4.2.3.4 HACCP regulation in the U.S.

10.4.2.3.5 Food safety regulations for fruit & vegetable growers

10.4.2.3.6 GMOs regulation in U.S.

10.4.2.3.6.1 FDA food safety modernization act (FSMA)

10.4.2.3.6.2 Labeling of GM foods

10.4.3 CANADA

10.4.4 MEXICO

10.5 EUROPE

10.5.1 EUROPEAN UNION REGULATIONS

10.5.1.1 Melamine legislation

10.5.1.2 General food law for food safety

10.5.1.3 GMOs regulation

10.5.1.4 Country of origin labeling requirements

10.5.2 GERMANY

10.5.3 U.K.

10.6 ASIA-PACIFIC

10.6.1 CHINA

10.6.2 INDIA

10.6.2.1 Food safety standards amendment regulations, 2012

10.6.2.2 Food safety standards amendment regulations, 2011

10.6.2.3 Food safety and standards act, 2006

10.6.3 AUSTRALIA

10.6.3.1 Food standards Australia New Zealand

10.6.4 NEW ZEALAND

10.6.5 GMOS LABELING REGULATION IN ASIA-PACIFIC

10.6.6 JAPAN

10.7 BRAZIL

## **11 COMPETITIVE LANDSCAPE**

11.1 OVERVIEW

11.2 KEY MARKET STRATEGIES

11.3 COMPETITIVE SITUATION AND TRENDS

11.4 EXPANSIONS & INVESTMENTS

11.5 ACQUISITIONS

11.6 AGREEMENTS, COLLABORATIONS, PARTNERSHIPS & NEW TECHNOLOGY  
LAUNCHES

11.7 NEW SERVICE LAUNCHES

## **12 COMPANY PROFILES**

12.1 INTRODUCTION

(Business overview, Products offered, Recent developments, MNM view, SWOT analysis, Key strategies)\*



- 12.2 SGS S.A.
- 12.3 INTERTEK GROUP PLC
- 12.4 EUROFINS SCIENTIFIC SE
- 12.5 ALS LIMITED
- 12.6 LGC SCIENCE GROUP LTD.
- 12.7 MERIEUX NUTRISCIENCES CORPORATION
- 12.8 MICROBAC LABORATORIES, INC.
- 12.9 EMSL ANALYTICAL INC.
- 12.10 ROMER LABS DIAGNOSTIC GMBH
- 12.11 GENETIC ID NA, INC.

\*Business overview, Products offered, Recent developments, MNM view, SWOT analysis, Key strategies might not be captured in case of unlisted companies.

## **13 APPENDIX**

- 13.1 DISCUSSION GUIDE
- 13.2 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL
- 13.3 MORE COMPANY DEVELOPMENTS
  - 13.3.1 ACQUISITIONS
  - 13.3.2 EXPANSIONS & INVESTMENTS
  - 13.3.3 AGREEMENTS, COLLABORATIONS, PARTNERSHIPS, AND NEW TECHNOLOGY LAUNCHES
  - 13.3.4 NEW SERVICE LAUNCHES
- 13.4 INTRODUCING RT: REAL TIME MARKET INTELLIGENCE
- 13.5 AVAILABLE CUSTOMIZATIONS
- 13.6 RELATED REPORTS
- 13.7 AUTHOR DETAILS

## List Of Tables

### LIST OF TABLES

Table 1 COSTS OF ASSURANCE ACTIVITIES BY REGULATORY BODIES ACROSS SUPPLY CHAIN IN EUROPE

Table 2 FOOD RECALLS, 2010–2015

Table 3 ALLERGEN RECALLS IN U.S. (2015)

Table 4 FOOD PRODUCTS FROM U.S. BANNED IN OTHER COUNTRIES

Table 5 FOOD AUTHENTICITY TESTING MARKET SIZE, BY TARGET TESTING, 2014–2022 (USD MILLION)

Table 6 FALSE LABELLING TESTING MARKET SIZE, BY TYPE, 2014–2022 (USD MILLION)

Table 7 MEAT SPECIATION: FOOD AUTHENTICITY TESTING MARKET SIZE, BY REGION, 2014–2022 (USD MILLION)

Table 8 COUNTRY OF ORIGIN AND AGEING: FOOD AUTHENTICITY TESTING MARKET SIZE, BY REGION, 2014–2022 (USD MILLION)

Table 9 ADULTERATION TESTS: FOOD AUTHENTICITY TESTING MARKET SIZE, BY REGION, 2014–2022 (USD MILLION)

Table 10 FALSE LABELING: FOOD AUTHENTICITY TESTING MARKET SIZE, BY REGION, 2014–2022 (USD MILLION)

Table 11 GMO TESTING: FOOD AUTHENTICITY TESTING MARKET SIZE, BY REGION, 2014–2022 (USD MILLION)

Table 12 ALLERGEN TESTING: FOOD AUTHENTICITY TESTING MARKET SIZE, BY REGION, 2014–2022 (USD MILLION)

Table 13 FOOD AUTHENTICITY TESTING MARKET SIZE, BY TECHNOLOGY, 2014–2022 (USD MILLION)

Table 14 PCR-BASED FOOD AUTHENTICITY TESTING MARKET SIZE, BY REGION, 2014–2022 (USD MILLION)

Table 15 LC-MS/MS FOOD AUTHENTICITY TESTING MARKET SIZE, BY REGION, 2014–2022 (USD MILLION)

Table 16 APPLICATION OF ISOTOPE METHOD FOR CERTAIN FOOD PRODUCTS

Table 17 ISOTOPE METHODS FOOD AUTHENTICITY TESTING MARKET SIZE, BY REGION, 2014–2022 (USD MILLION)

Table 18 IMMUNOASSAY-BASED FOOD AUTHENTICITY TESTING MARKET SIZE, BY REGION, 2014–2022 (USD MILLION)

Table 19 OTHERS FOOD AUTHENTICITY TESTING MARKET SIZE, BY REGION, 2014–2022 (USD MILLION)

Table 20 FOOD AUTHENTICITY TESTING MARKET SIZE, BY FOOD TESTED,

2014–2022 (USD MILLION)

Table 21 MEAT & MEAT PRODUCT TESTING MARKET SIZE, BY FOOD TESTED, 2014–2022 (USD MILLION)

Table 22 DAIRY & DAIRY PRODUCTS MARKET SIZE, BY FOOD TESTED, 2014–2022 (USD MILLION)

Table 23 PROCESSED FOOD MARKET SIZE, BY FOOD TESTED, 2014–2022 (USD MILLION)

Table 24 INGREDIENTS MARKET SIZE, BY FOOD TESTED, 2014–2022 (USD MILLION)

Table 25 CEREALS, GRAINS, AND PULSES MARKET SIZE, BY FOOD TESTED, 2014–2022 (USD MILLION)

Table 26 FOOD AUTHENTICITY TESTING MARKET SIZE, BY REGION, 2014–2022 (USD MILLION)

Table 27 NORTH AMERICA: FOOD AUTHENTICITY TESTING MARKET SIZE, BY COUNTRY, 2014–2022 (USD MILLION)

Table 28 NORTH AMERICA: FOOD AUTHENTICITY TESTING MARKET SIZE, BY TECHNOLOGY, 2014–2022 (USD MILLION)

Table 29 NORTH AMERICA: FOOD AUTHENTICITY TESTING MARKET SIZE, BY FOOD TESTED, 2014–2022 (USD MILLION)

Table 30 U.S.: FOOD FRAUD DETAILS

Table 31 U.S.: FOOD AUTHENTICITY TESTING MARKET SIZE, BY TARGET TESTING, 2014–2022 (USD MILLION)

Table 32 U.S.: FALSE LABELLING MARKET SIZE, BY TYPE, 2014–2022 (USD MILLION)

Table 33 CANADA: FOOD FRAUD DETAILS

Table 34 CANADA: FOOD AUTHENTICITY TESTING MARKET SIZE, BY TARGET TESTING, 2014–2022 (USD MILLION)

Table 35 CANADA: FALSE LABELING MARKET SIZE, BY TYPE, 2014–2022 (USD MILLION)

Table 36 MEXICO: FOOD AUTHENTICITY TESTING MARKET SIZE, BY TARGET TESTING, 2014–2022 (USD MILLION)

Table 37 MEXICO: FALSE LABELING MARKET SIZE, BY TYPE, 2014–2022 (USD MILLION)

Table 38 EUROPE: FOOD AUTHENTICITY TESTING MARKET SIZE, BY COUNTRY, 2014–2022 (USD MILLION)

Table 39 EUROPE: FOOD AUTHENTICITY TESTING MARKET SIZE, BY TECHNOLOGY, 2014–2022 (USD MILLION)

Table 40 EUROPE: FOOD AUTHENTICITY TESTING MARKET SIZE, BY FOOD TESTED, 2014–2022 (USD MILLION)

Table 41 GERMANY: FOOD FRAUD DETAILS

Table 42 GERMANY: FOOD AUTHENTICITY TESTING MARKET SIZE, BY TARGET TESTING, 2014–2022 (USD MILLION)

Table 43 GERMANY: FALSE LABELLING MARKET SIZE, BY TYPE, 2014–2022 (USD MILLION)

Table 44 U.K.: FOOD FRAUD DETAILS

Table 45 U.K.: FOOD AUTHENTICITY TESTING MARKET SIZE, BY TARGET TESTING, 2014–2022 (USD MILLION)

Table 46 U.K.: FALSE LABELLING MARKET SIZE, BY TYPE, 2014–2022 (USD MILLION)

Table 47 FRANCE: FOOD FRAUD DETAILS

Table 48 FRANCE: FOOD AUTHENTICITY TESTING MARKET SIZE, BY TARGET TESTING, 2014–2022 (USD MILLION)

Table 49 FRANCE: FALSE LABELLING MARKET SIZE, BY TYPE, 2014–2022 (USD MILLION)

Table 50 ITALY: FOOD FRAUD DETAILS

Table 51 ITALY: FOOD AUTHENTICITY TESTING MARKET SIZE, BY TARGET TESTING, 2014–2022 (USD MILLION)

Table 52 SPAIN: FOOD AUTHENTICITY TESTING MARKET SIZE, BY TARGET TESTING, 2014–2022 (USD MILLION)

Table 53 SPAIN: FALSE LABELLING MARKET SIZE, BY TYPE, 2014–2022 (USD MILLION)

Table 54 REST OF EUROPE: FOOD FRAUD DETAILS

Table 55 REST OF EUROPE: FOOD AUTHENTICITY TESTING MARKET SIZE, BY TARGET TESTING, 2014–2022 (USD MILLION)

Table 56 REST OF EUROPE: FALSE LABELLING MARKET SIZE, BY TYPE, 2014–2022 (USD MILLION)

Table 57 ASIA-PACIFIC: FOOD AUTHENTICITY TESTING MARKET SIZE, BY COUNTRY, 2014–2022 (USD MILLION)

Table 58 ASIA PACIFIC: FOOD AUTHENTICITY TESTING MARKET SIZE, BY TECHNOLOGY, 2014–2022 (USD MILLION)

Table 59 ASIA PACIFIC: FOOD AUTHENTICITY TESTING MARKET SIZE, BY FOOD TESTED, 2014–2022 (USD MILLION)

Table 60 CHINA: FOOD FRAUD DETAILS

Table 61 CHINA: FOOD AUTHENTICITY TESTING MARKET SIZE, BY TARGET TESTING, 2014–2022 (USD MILLION)

Table 62 CHINA: FALSE LABELLING MARKET SIZE, BY TYPE, 2014–2022 (USD MILLION)

Table 63 JAPAN: FOOD AUTHENTICITY TESTING MARKET SIZE, BY TARGET

TESTING, 2014–2022 (USD MILLION)

Table 64 JAPAN: FALSE LABELLING MARKET SIZE, BY TYPE, 2014–2022 (USD MILLION)

Table 65 INDIA: FOOD FRAUD DETAILS

Table 66 INDIA: FOOD AUTHENTICITY TESTING MARKET SIZE, BY TARGET TESTING, 2014–2022 (USD MILLION)

Table 67 AUSTRALIA & NEW ZEALAND: FOOD FRAUD DETAILS

Table 68 AUSTRALIA & NEW ZEALAND: FOOD AUTHENTICITY TESTING MARKET SIZE, BY TARGET TESTING, 2014–2022 (USD MILLION)

Table 69 AUSTRALIA & NEW ZEALAND: FALSE LABELLING MARKET SIZE, BY TYPE, 2014–2022 (USD MILLION)

Table 70 REST OF ASIA-PACIFIC: FOOD FRAUD DETAILS

Table 71 REST OF ASIA-PACIFIC: FOOD AUTHENTICITY TESTING MARKET SIZE, BY TARGET TESTING, 2014–2022 (USD MILLION)

Table 72 REST OF ASIA-PACIFIC: FALSE LABELLING MARKET SIZE, BY TYPE, 2014–2022 (USD MILLION)

Table 73 ROW: FOOD AUTHENTICITY TESTING MARKET SIZE, BY COUNTRY, 2014–2022 (USD MILLION)

Table 74 ROW: FOOD AUTHENTICITY TESTING MARKET SIZE, BY TECHNOLOGY, 2014–2022 (USD MILLION)

Table 75 ROW: FOOD AUTHENTICITY TESTING MARKET SIZE, BY FOOD TESTED, 2014–2022 (USD MILLION)

Table 76 BRAZIL: FOOD FRAUD DETAILS

Table 77 BRAZIL: FOOD AUTHENTICITY TESTING MARKET, BY TARGET TESTING, 2014–2022 (USD MILLION)

Table 78 BRAZIL: FALSE LABELLING MARKET SIZE, BY TYPE, 2014–2022 (USD MILLION)

Table 79 ARGENTINA: FOOD AUTHENTICITY TESTING MARKET, BY TARGET TESTING, 2014–2022 (USD MILLION)

Table 80 ARGENTINA: FALSE LABELLING MARKET SIZE, BY TYPE, 2014–2022 (USD MILLION)

Table 81 MIDDLE EAST: FOOD AUTHENTICITY TESTING MARKET, BY TARGET TESTING, 2014–2022 (USD MILLION)

Table 82 OTHERS IN ROW: FOOD FRAUD DETAILS

Table 83 OTHERS IN ROW: FOOD AUTHENTICITY TESTING MARKET, BY TARGET TESTING, 2014–2022 (USD MILLION)

Table 84 OTHERS IN ROW: FALSE LABELLING MARKET SIZE, BY TYPE, 2014–2022 (USD MILLION)

Table 85 FEDERAL FOOD, DRUG & COSMETIC ACT, BY TOLERANCES OF RAW &

**PROCESSED FOOD**

Table 86 MAXIMUM LEVEL FOR MELAMINE &amp; ITS STRUCTURAL ANALOGS

Table 87 GMOS: LABELING REQUIREMENT

Table 88 GMOS LABELING IN ASIA-PACIFIC COUNTRIES

Table 89 EXPANSIONS &amp; INVESTMENTS, 2016

Table 90 ACQUISITIONS, 2016

Table 91 AGREEMENTS, COLLABORATIONS, PARTNERSHIPS & NEW  
TECHNOLOGY LAUNCHES, 2016

Table 92 NEW SERVICE LAUNCHES, 2015

Table 93 SGS SA: SERVICES OFFERED

Table 94 SGS SA: RECENT DEVELOPMENTS

Table 95 INTERTEK GROUP PLC: SERVICES OFFERED

Table 96 INTERTEK GROUP PLC.: RECENT DEVELOPMENTS

Table 97 EUROFINS SCIENTIFIC: SERVICES OFFERED

Table 98 EUROFINS SCIENTIFIC: RECENT DEVELOPMENTS

Table 99 ALS LIMITED: SERVICES OFFERED

Table 100 ALS LIMITED: RECENT DEVELOPMENTS

Table 101 LGC SCIENCE GROUP LTD.: SERVICES OFFERED

Table 102 MERIEUX NUTRISCIENCES CORPORATION: SERVICES OFFERED

Table 103 MERIEUX NUTRISCIENCES CORPORATION: RECENT DEVELOPMENTS

Table 104 MICROBAC LABORATORIES, INC.: SERVICES OFFERED

Table 105 MICROBAC LABORATORIES, INC.: RECENT DEVELOPMENTS

Table 106 EMSL ANALYTICAL INC.: SERVICES/PRODUCTS OFFERED

Table 107 EMSL ANALYTICAL INC.: RECENT DEVELOPMENTS

Table 108 ROMER LABS DIAGNOSTIC GMBH: SERVICES/PRODUCTS OFFERED

Table 109 ROMER LABS DIAGNOSTIC GMBH: RECENT DEVELOPMENTS

Table 110 ACQUISITIONS, 2011–2016

Table 111 EXPANSIONS, 202011–2016

Table 112 AGREEMENTS, COLLABORATIONS, PARTNERSHIPS, AND NEW  
TECHNOLOGY LAUNCHES, 2012–2015

Table 113 NEW SERVICE LAUNCHES, 2011–2013

## List Of Figures

### LIST OF FIGURES

Figure 1 MARKET SNAPSHOT: FOOD AUTHENTICITY TESTING

Figure 2 GEOGRAPHIC SCOPE OF THE FOOD AUTHENTICITY TESTING MARKET

Figure 3 RESEARCH DESIGN: FOOD AUTHENTICITY TESTING

Figure 4 BREAKDOWN OF PRIMARIES: BY COMPANY, DESIGNATION, AND REGION

Figure 5 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 6 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 7 DATA TRIANGULATION METHODOLOGY

Figure 8 FOOD AUTHENTICITY TESTING MARKET SNAPSHOT, BY TARGET TESTING, 2016 VS. 2022

Figure 9 FOOD AUTHENTICITY TESTING MARKET SHARE (VALUE), BY REGION, 2016–2022

Figure 10 FOOD AUTHENTICITY TESTING MARKET SIZE, BY TECHNOLOGY, 2016–2022

Figure 11 FOOD AUTHENTICITY TESTING MARKET SIZE, BY FOOD TESTED, 2016–2022

Figure 12 FOOD AUTHENTICITY TESTING MARKET SHARE (VALUE), BY REGION, 2015

Figure 13 IMPLEMENTATION OF STRINGENT REGULATIONS & LABELING COMPLIANCE WOULD DRIVE THE GROWTH OF THE FOOD AUTHENTICITY TESTING MARKET

Figure 14 CHINA IS PROJECTED TO BE THE FASTEST-GROWING MARKET DURING THE FORECAST PERIOD

Figure 15 DEVELOPING COUNTRIES PROJECTED TO BE RELATIVELY FASTER GROWING EMERGING MARKETS DURING THE FORECAST PERIOD

Figure 16 EUROPE DOMINATED THE FOOD AUTHENTICITY TESTING MARKET ACROSS ALL TYPES IN 2015

Figure 17 PROCESSED FOOD WAS THE LARGEST FOOD TESTED SEGMENT IN 2015

Figure 18 FOOD AUTHENTICITY TESTING MARKET IS DOMINATED BY EUROPEAN REGION IN 2015 (USD BILLION)

Figure 19 RESEARCH STUDIES TREND IN FOOD AUTHENTICITY

Figure 20 FOOD AUTHENTICITY TESTING MARKET, BY TARGET TESTING, 2015

Figure 21 FOOD AUTHENTICITY TESTING MARKET, BY TECHNOLOGY, 2015

Figure 22 FOOD AUTHENTICITY TESTING MARKET, BY FOOD TESTED

Figure 23 FOOD AUTHENTICITY TESTING MARKET SNAPSHOT, BY REGION

Figure 24 MARKET DYNAMICS: FOOD AUTHENTICITY TESTING MARKET

Figure 25 SURVEY RESULTS ON LABELING REQUIREMENT OF CONSUMERS TO MINIMISE UNINTENTIONAL CONTAMINATION & FOOD FRAUDS

Figure 26 MAJOR INCIDENTS OF ECONOMICALLY MOTIVATED ADULTERATIONS (EMA) FROM 1980 TO 2013

Figure 27 TYPES OF FOOD FRAUD CASES ACROSS WORLD

Figure 28 FOOD AUTHENTICITY TESTING MARKET SIZE, BY TARGET TESTING, 2016–2022 (USD MILLION)

Figure 29 MOST PROBLEMATIC INGREDIENTS FOR EMA

Figure 30 ADULTERATION TESTS: FOOD AUTHENTICITY TESTING MARKET SIZE, BY REGION, 2014–2022 (USD MILLION)

Figure 31 WIDE APPLICATIONS OF PCR-BASED TECHNOLOGY DRIVES THE FOOD AUTHENTICITY TESTING MARKET GROWTH

Figure 32 PCR-BASED TECHNOLOGY IS PROJECTED TO FASTEST GROWING IN FOOD AUTHENTICITY TESTING MARKET, 2014-2022 (USD MILLION)

Figure 33 EUROPE IS PROJECTED TO BE THE LARGEST MARKET FOR PCR-BASED TECHNOLOGY

Figure 34 FOOD AUTHENTICITY TESTING MARKET, BY FOOD TESTED

Figure 35 FOOD AUTHENTICITY TESTING MARKET SIZE, BY FOOD TESTED, 2016–2022 (USD MILLION)

Figure 36 PROCESSED FOOD MARKET SIZE IN FOOD AUTHENTICITY TESTING MARKET, BY FOOD TESTED, 2016–2022 (USD MILLION)

Figure 37 U.S. HELD THE LARGEST SHARE IN THE FOOD AUTHENTICITY TESTING MARKET, IN 2015

Figure 38 ECONOMICALLY MOTIVATED ADULTERATION INCIDENCES, BY COUNTRY, 1980 TO 2014

Figure 39 NORTH AMERICAN MARKET SNAPSHOT

Figure 40 FOOD FRAUD TYPES IN EUROPEAN UNION, 2014

Figure 41 EUROPEAN FOOD AUTHENTICITY TESTING MARKET SNAPSHOT

Figure 42 ACQUISITIONS, EXPANSIONS & INVESTMENTS: LEADING APPROACH OF KEY COMPANIES

Figure 43 FOOD AUTHENTICITY TESTING MARKET DEVELOPMENTS, BY GROWTH STRATEGY, 2011–2016

Figure 44 FOOD AUTHENTICITY TESTING MARKET GROWTH STRATEGIES, BY COMPANY, 2011–2016

Figure 45 GEOGRAPHIC REVENUE MIX OF TOP FIVE MARKET PLAYERS

Figure 46 SGS SA: COMPANY SNAPSHOT

Figure 47 SGS SA: SWOT ANALYSIS



Figure 48 INTERTEK GROUP PLC: COMPANY SNAPSHOT

Figure 49 INTERTEK GROUP PLC: SWOT ANALYSIS

Figure 50 EUROFINS SCIENTIFIC SE: COMPANY SNAPSHOT

Figure 51 EUROFINS SCIENTIFIC SE: SWOT ANALYSIS

Figure 52 ALS LIMITED: COMPANY SNAPSHOT

Figure 53 ALS LIMITED: SWOT ANALYSIS

Figure 54 LGC SCIENCE GROUP LTD.: COMPANY SNAPSHOT

Figure 55 LGC GROUP: SWOT ANALYSIS

## I would like to order

Product name: Food Authenticity Market by Target Testing (Meat Speciation, Country of Origin & Ageing, Adulteration & False Labeling), Technology (PCR-Based, LC-MS/MS, Isotope), Food Tested (Meat, Dairy, Processed Foods), and Region - Global Forecast to 2022

Product link: <https://marketpublishers.com/r/F895EB6FA2DEN.html>

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/F895EB6FA2DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970