

# Food Safety Testing: Market Research Report

<https://marketpublishers.com/r/FC0947A8C99EN.html>

Date: January 2019

Pages: 461

Price: US\$ 5,600.00 (Single User License)

ID: FC0947A8C99EN

## Abstracts

This report analyzes the worldwide markets for Food Safety Testing in US\$ Thousand. The report analyzes the market for Food Safety Testing Services by the following Testing Types and End-Use Segments: Testing Types - Pathogens Testing, Pesticide Testing, GMO Testing, and Other Testing; End-Use Segments - Processed Food, Dairy, Meat, and Others.

The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Middle East & Africa, and Latin America. Annual estimates and forecasts are provided for the period 2016 through 2024.

Also, a five-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based on public domain information including company URLs. The report profiles 84 companies including many key and niche players such as -

ALS Limited

Bureau Veritas S.A.

Charles River Laboratories International, Inc.

Covance, Inc.

Eurofins Scientific

Genetic ID NA, Inc.

## Contents

### I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations  
Disclaimers  
Data Interpretation & Reporting Level  
Quantitative Techniques & Analytics  
Product Definitions and Scope of Study  
Product Segments  
Pathogens Testing  
Pesticide Testing  
GMO Testing  
Other Testing  
End-use Segments

### II. EXECUTIVE SUMMARY

#### 1. INDUSTRY OVERVIEW

Food Safety Emerges as a Major Concern for Public Health Systems  
Increasing Focus on Safe and High-Quality Foods Propels Food Safety Testing Market  
A Bird's Eye View of Food Testing Market  
Growing Need to Curb Foodborne Illnesses Drives Food Safety Testing Market  
Developed Economies Lead the Food Safety Testing Market  
Asia-Pacific Spearheads Growth in the Food Safety Testing Market  
Pathogen Testing – The Largest Food Testing Type

**Table 1.** Global Pathogen Testing Market by Leading Brands (2017): Percentage Breakdown of Revenues for BAX, Petrifilm, VIDAS and Others (includes corresponding Graph/Chart)

**Table 2.** Global Food Pathogen Testing Market (2017) - Percentage Breakdown of Test Volume by Type of Pathogen for Campylobacter, Listeria/Listeria monocytogenes, Pathogenic E. coli and Salmonella (includes corresponding Graph/Chart)

**Table 3.** Pathogen Testing Market in North America (2017): Percentage Breakdown of Volume by Method of Testing - Culture, Immunochemical and Molecular (includes

corresponding Graph/Chart)

Comparison of Foodborne Pathogen Testing Methods

E. coli Testing Market: Technology Advancements Drive Growth

MIT Researchers Develop New Technology to Test Presence of E. coli Strain in Foods

GMO Testing: The Fastest Growing Testing Category

Pesticide Residue Testing Market Rides on the Growing Need to Limit Pesticide

Remnants in the Food Supply Chain

Meat Industry – The Largest End-Use Segment

Highly Regulated Food & Beverage Industry Presents Opportunities for Testing Market

FSMA Implementation Pushes Demand for Technologies Enabling Traceability

Globalization Injects Universal Demand for Food Diagnostics

Increase in Number and Complexity of Foodborne Outbreaks and Product Recalls –

Food Safety Testing Market Positioned for Growth

**Table 4.** Number of Product Recalls in the US: Breakdown by FDA-Regulated Foods and FSIS-Regulated Foods for 2017 (includes corresponding Graph/Chart)

A Glance at Select Product Recalls in the US - 2018

List of Foodborne Illness Outbreaks in the US (2013-2017)

Rapid Screening Gains Preference over Traditional Food Testing Procedures

Traditional Testing Technologies Continue to Rule the Roost

Leading Food Processors Resort to Rapid Microbiological Testing

Competitive Landscape

**Table 5.** Leading Players in the Global Food Safety Testing Products Market (2017): Percentage Breakdown of Value Sales for 3M, bioMérieux SA, Neogen Corporation, Thermo Fisher Scientific, and Others (includes corresponding Graph/Chart)

**Table 6.** Leading Players in the Food Molecular Diagnostics Market (2017): Percentage Breakdown of Value Sales for 3M, bioMérieux, Neogen, Thermo Fisher and Others (includes corresponding Graph/Chart)

Food Safety Diagnostic Companies Facing Testing Times

## 2. MARKET TRENDS AND ISSUES

## Rising Food Needs of an Expanding Global Population Turn Focus onto Food Safety

**Table 7.** World Population by Geographic Region (2000-2050) (in Millions) (includes corresponding Graph/Chart)

**Table 8.** Global Middle Class Population (in Millions) and as a Percentage of Total Population: 2005, 2015, 2025 & 2035 (includes corresponding Graph/Chart)

## Food Contract Laboratories to Outdo In-house Labs

**Table 9.** Salmonella Analysis in the US (2005, 2010, 2013 & 2017): Percentage Breakdown of Number of Food Plants Conducting Salmonella Analysis at Food Plant Labs or Sending Samples to Food Contract Labs or Corporate Testing Labs (includes corresponding Graph/Chart)

Outsourcing of Food Safety Testing Gathers Steam  
List of Food Testing Laboratory Types  
Food Microbiology Testing Market on a Growth Spree

**Table 10.** Average Cost of Food Microbiology Test (in \$) for 2017E (includes corresponding Graph/Chart)

**Table 11.** Global Food Microbiology Testing Market - Percentage Breakdown of Value Sales by Pathogen and Routine Tests for 2017 (includes corresponding Graph/Chart)

Rapid and Automated Tests: Attractive Solution for Food Processors  
Non-O157 STEC Pathogens: Focus of Testing Companies  
Food Safety Market Being Transformed by Emerging Technologies  
Next-Generation Sequencing (NGS)  
Blockchain Technology  
Industrial Internet of Things (IIoT)  
NGS-based Food Safety Testing: A Technology with High-Growth Promise  
Novel & Tested Technologies to Spur Growth  
Nanotechnology in Food Testing  
Biosensors and Smartphones Set New Frontiers  
Biotechnology and Bioinformatics – The Backbone of New Testing Technologies

SERS Technique – An Alternative to PFGE  
Process Testing to Gain Prominence  
Automation Picks Up Momentum  
Smart Labels and Tags Gains Significance  
Consumer Packaged Goods Companies: Technology Innovations Aid in Compliance with Food Safety Requirements  
Adulteration of Meat Products on the Rise  
Meat Irradiation: A Solution to Curb Contamination?  
Poultry Industry Embraces Rapid Microbiological Testing Technologies  
Mycotoxin: A High-Grade Food Contaminant  
List of Common Mycotoxins and its Effect on Health  
Food Safety Services Challenged by Emerging Raw Materials  
Environmental Monitoring Gaining Prominence in Food Processing Environment  
Mandatory Labeling Requirements Bode Well for Food Safety Testing Market  
Key Issues  
Food Diagnostics – The Legislative Perspective  
Food Industry's Growing Threat: Genetically Modified Organisms (GMOs)  
Food Safety Issues in Food Production  
List of Food Safety Related Issues in Different Stages of Food Production  
Global Companies Resist Standardization of Testing Procedures  
Technical and Cost Related Hurdles Hamper the Microbiology Testing Market  
Test Kits Remain Insufficient for Detecting All Allergens  
Available Test Kits at External Laboratories by Allergen  
Ban on Antibiotics Fuel Food Residue Testing  
Herbicide Resistant Genetically Engineered Plants Pose Problem

### **3. AN INSIGHT INTO FOOD SAFETY TESTING MARKET BY TECHNOLOGY**

Real-time PCR/qPCR Technologies Fundamental in Food Safety Testing  
Growing Prominence of Immunoassays in Food Sciences and Quality Control  
Growing Concerns over GMOs Demand Rapid Tests for GMOs Detection  
Status of Ban on GMO Corps in Select Countries  
PCR Technique Plays a Vital Role in GMOs Detection  
ELISA and Lateral Flow Tests Adoption in Identification of GMOs to Zoom  
Metabolomic Profiling in Food Safety Testing: An Opportunity to Tap  
Multiplexing – A New Trend for Food Pathogen Testing  
LC/MS Technologies Gains Space in Food Safety Testing  
Prospects for Molecular Diagnostics in Food Safety Testing Grow Brighter

## **4. REGULATORY ENVIRONMENT**

Stringent Norms Necessitate Food Safety Testing  
Growing Need for Standardization of Pesticide Residue Testing  
Food Safety Modernization Act (FSMA)

### **HACCP**

Advantages of HACCP  
Codex Alimentarius Commission Agreement for Pre-Market GMO Testing  
Europe Enforces Regulatory Framework for Food Contact Materials  
European Union Policy on Genetically Modified – Stringent Directives  
Regulation (EC) 1829/2003 on Genetically Modified Organisms  
Changing Regulatory Policies – Impact on Market Players

## **5. AN INSIGHT INTO FOOD SAFETY**

Introduction  
Common Causes of Food Contamination  
Top Ten Pathogens Attributed to Food Borne Diseases  
An Overview of Select Pathogens  
Campylobacter  
E. coli O157:H7  
Salmonella  
Listeria  
Other Pathogenic Forms  
Removing Food Contaminants  
Food Irradiation  
Ultra-High Pressure Technology  
Ozone Treatment  
Steam Pasteurization  
Fumigation  
Food Coating Technology

## **6. FOOD SAFETY TESTING: PRODUCT OVERVIEW**

What is Food Safety Testing?  
Pathogen Testing  
Pesticide Testing

GMO Testing  
Food Safety Testing – A Comprehensive Overview  
Microbiological Tests  
Pathogen Testing  
Simple, Efficient and Fast Testing  
Nucleic Acid Analysis  
Rapid Hygiene Testing  
Keeping the Surrounding Clean: Rapid Hygiene Testing  
Pesticide Testing  
GMO Testing  
Understanding the GMO Testing Process  
Product Sampling  
DNA Extraction  
PCR Amplification  
Testing Methods  
Regulating GMO Testing  
Surface Hygiene Testing  
Swab'N'Check Hygiene Monitoring Kit  
Swabbing by Australian Standard Method

### **3M PETRIFILM**

Oxoid Dip Slides  
BAX System  
Other Related Testing Technologies  
Immunoassay Technology  
Magnetic Particle Assays  
Lateral Flow Immunoassay Strips  
Coated-Tube Immunoassays  
Microtiter Plate Assays  
Bioluminescence Technology  
Role of High Pressure Processing in Ensuring Food Safety  
How does HPP Work?  
Applications

### **7. END-USE MARKET ANALYSIS**

Processed Foods  
Fruit & Vegetable Juices

Alternative Beverages: Key Competitors  
Fortified Drinks: The Latest 'in' Fad

## **100% JUICES ARE IN VOGUE**

Meat Industry  
Processed Meat & Fast Foods – Replacing Traditional Meals  
Why is Meat Processed?  
Dairy Products  
Emerging Markets Offer Opportunities  
Churning Out New Opportunities

## **8. PRODUCT INNOVATIONS/INTRODUCTIONS**

Bureau Veritas and Schutter Launch On-site Aflatoxin Test  
CERTUS Unveils CERTUS System for In-house Rapid Pathogen Detection  
Neogen Announces Availability of NeoSeek Genomic Testing Services  
Neogen Introduces New Mycotoxin Tests  
Neogen Introduces Veratox for Sesame Allergen Test  
Neogen Introduces New Food Safety Testing Products  
Neogen Introduces New Drug Residue Testing Products  
Romer Labs Introduces AgraStrip Soy Test Kit  
Neogen Unveils Four New Products for Drug Residue Testing

## **9. RECENT INDUSTRY ACTIVITY**

Eurofins and Orion Partner for Expanding Auditing and Certification Services in Canada  
Eurofins Acquires Craft Technologies  
Eurofins Takes Over Food Analytica  
HRL and MilkTestNZ Agree to Provide Analytical Testing Services to New Zealand  
Dairy Industry  
SGS Takes Over Vanguard Sciences  
Mérieux Acquires Stake in Tecnimicro Laboratorio de Analisis  
Align Capital Partners Acquires Barrow-Agee  
Eurofins Acquires Institut Nehring  
ALS Takes Over Mikrolab Group  
CERTUS to Distribute Solus Pathogen Testing System in the US

## **3M TAKES OVER ELUTION TECHNOLOGIES**



Global ID Group Takes Over Analitus Análises Biotecnológicas  
Mérieux NutriSciences Acquires Bangalore Testing Laboratories  
ALS Takes Over Marshfield Food Safety  
ALS Arabia and Biyaq Laboratories Form JV  
Eurofins Takes Over Gözlem Gıda Kontrol ve Araştırma Laboratuvarları  
Mérieux NutriSciences Takes Over ACM Agro  
Hygiena Concludes Take Over of DuPont Diagnostics  
Microbac Laboratories Enters into Partnership with Sample6  
NSF Takes Over G+S Laboratory  
Merck Takes Over BioControl Systems  
Hygiena Acquires Pruebas Microbiológicas Rápidas  
Eurofins Takes Over International Laboratory Services  
SGS Establishes New Food and Agriculture Testing Lab in Korea  
SGS Takes Over Stake in Biopremier  
Eurofins Scientific Acquires Bureau de Wit  
Eurofins Scientific Acquires Agro-Analyses  
Bureau Veritas Acquires Majority Stake in DTS  
FOSS and Mérieux NutriSciences Enter into Strategic Partnership  
Mérieux NutriSciences Expands Operations in South America  
Eurofins Scientific to Acquire Exova's Food, Water and Pharmaceutical Products Testing  
Thermo Fisher Receives Extended AOAC-RI Performance Tested Methods Certification for SureTect  
NSF Acquires Euro Consultants Group

## **10. FOCUS ON SELECT PLAYERS**

Food Safety Testing Service Providers  
ALS Limited (Australia)  
Bureau Veritas S. A. (France)  
DTS Food Laboratories (Australia)  
Charles River Laboratories International, Inc. (USA)  
Covance, Inc. (USA)  
Eurofins Scientific (Luxembourg)  
Genetic ID NA, Inc. (USA)  
ifp Institut für Produktqualität GmbH (Germany)  
International Laboratory Services (UK)  
Intertek Group PLC (UK)

Mérieux NutriSciences (USA)  
Microbac Laboratories, Inc. (USA)  
Neogen Corporation (USA)  
Romer Labs, Inc. (USA)  
SGS SA (Switzerland)  
Food Safety Testing Product Companies

### **3M COMPANY (USA)**

bioMérieux SA (France)  
Biolog, Inc. (USA)  
Charm Sciences, Inc. (USA)  
FOSS A/S (Denmark)  
Hygiena, LLC (USA)  
R-Biopharm AG (Germany)  
Thermo Fisher Scientific, Inc. (USA)

## **11. GLOBAL MARKET PERSPECTIVE**

**Table 12.** World Recent Past, Current & Future Analysis for Food Safety Testing Services by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 13.** World Historic Review for Food Safety Testing Services by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 14.** World 14-Year Perspective for Food Safety Testing Services by Geographic Region/Country - Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Analytics by Testing Type

**Table 15.** World Recent Past, Current & Future Analysis for Pathogen Testing by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 16.** World Historic Review for Pathogen Testing by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 17.** World 14-Year Perspective for Pathogen Testing by Geographic Region/Country - Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 18.** World Recent Past, Current & Future Analysis for Pesticide Testing by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 19.** World Historic Review for Pesticide Testing by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 20.** World 14-Year Perspective for Pesticide Testing by Geographic Region/Country - Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 21.** World Recent Past, Current & Future Analysis for GMO Testing by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 22.** World Historic Review for GMO Testing by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 23.** World 14-Year Perspective for GMO Testing by Geographic Region/Country - Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 24.** World Recent Past, Current & Future Analysis for Other Testing Types by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 25.** World Historic Review for Other Testing Types by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 26.** World 14-Year Perspective for Other Testing Types by Geographic Region/Country - Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Analytics by End-Use Sector**

**Table 27.** World Recent Past, Current & Future Analysis for Food Safety Testing Services in Processed Food Sector by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 28.** World Historic Review for Food Safety Testing Services in Processed Food Sector by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently

Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 29.** World 14-Year Perspective for Food Safety Testing Services in Processed Food Sector by Geographic Region/Country - Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 30.** World Recent Past, Current & Future Analysis for Food Safety Testing Services in Dairy Sector by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 31.** World Historic Review for Food Safety Testing Services in Dairy Sector by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 32.** World 14-Year Perspective for Food Safety Testing Services in Dairy Sector by Geographic Region/Country - Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 33.** World Recent Past, Current & Future Analysis for Food Safety Testing Services in Meat Sector by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 34.** World Historic Review for Food Safety Testing Services in Meat Sector by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 35.** World 14-Year Perspective for Food Safety Testing Services in Meat Sector

by Geographic Region/Country - Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 36.** World Recent Past, Current & Future Analysis for Food Safety Testing Services in Other Sectors by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 37.** World Historic Review for Food Safety Testing Services in Other Sectors by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 38.** World 14-Year Perspective for Food Safety Testing Services in Other Sectors by Geographic Region/Country - Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

### III. MARKET

#### 1. THE UNITED STATES

##### A. Market Analysis

##### Current and Future Analysis

##### Food Safety Testing Market – An Overview

##### Growth Drivers

##### Tackling the Burden of Foodborne Illnesses

##### List of Select Multistate Foodborne Outbreaks in the US (2015-2018)

**Table 39.** Foodborne Illnesses, Hospitalizations and Deaths in the US - Percentage Breakdown for Known Pathogens and Unspecified Agents (includes corresponding Graph/Chart)

**Table 40.** Leading Pathogens Causing Foodborne Illnesses in the US - Percentage Breakdown of Number of Illnesses by Known Pathogens for *Campylobacter* spp.,



Clostridium perfringens, Norovirus, Salmonella nontyphoidal, Staphylococcus aureus and Others (includes corresponding Graph/Chart)

**Table 41.** Leading Foodborne Pathogens Causing Hospitalizations in the US - Percentage Breakdown of Number of Hospitalizations by Known Pathogens for Campylobacter spp., E. coli (STEC) O157, Norovirus, Salmonella nontyphoidal, Toxoplasma gondii and Others (includes corresponding Graph/Chart)

**Table 42.** Leading Foodborne Pathogens Causing Deaths in the US - Percentage Breakdown of Number of Deaths by Known Pathogens for Campylobacter spp., Listeria monocytogenes, Norovirus, Salmonella nontyphoidal, Toxoplasma gondii and Others (includes corresponding Graph/Chart)

**Table 43.** Number of Food Recalls in the US (2014-2017): Breakdown by Class I Recalls and Class II & III Recalls (includes corresponding Graph/Chart)

**Table 44.** Food Recalls in the US: Number of Food Recalls by Known/Undeclared Pathogens for the Year 2017 (includes corresponding Graph/Chart)

**Table 45.** Food Recalls in the US: Number of Food Recalls by Food for the Year 2017 (includes corresponding Graph/Chart)

Opportunities Stem from Growing Testing Volumes  
Food Safety Monitoring Goes Wireless  
Microbiology Food Safety Tests Multiply

**Table 46.** Microbiological Food Safety Testing Market in the US (2017): Percentage Breakdown of Test Volume for Pathogen Testing and Routine Testing (includes corresponding Graph/Chart)

Growing Concerns about Salmonella Contamination  
Growing Use of Advanced Food Safety Technologies in the US  
Increase in Environmental Testing at Food Plants  
Impact of New Testing Procedures on Production and Marketing  
The Dangers of Antibiotics – A Major Cause for Concern for Meat Industry  
Growing Demand for Organic and Natural Foods Drives Demand for Food Testing  
Red Meat on the Irradiated Tray  
Processed Meat Industry Embrace New Food Safety Technologies

Mycotoxin Plague Threatens Food Safety in the Country  
CDC Commences Genome Sequencing Program to Fight Foodborne Infections  
Role of Federal Safety System in Ensuring Food Safety  
Food Safety Challenges  
In-House Testing More Frequent than Testing in Outside Laboratories  
Regulatory Environment  
FDA Adopts New Rules on Food Safety  
FDA Regulations for Food Safety  
Guidelines to Restaurant Operators  
Guidelines for Packaged Juice Processors  
Guidelines for GMO Testing  
US Government Opposes Labeling GM Foods  
Major Regulations  
A Historic Perspective of the Food Safety Regulations in the US  
Food Safety Modernization Act (FSMA)  
Contract Food Laboratories Benefit from FSMA Legislation  
Product Launches  
Strategic Corporate Developments  
Select Players  
B. Market Analytics

**Table 47.** US Recent Past, Current & Future Analysis for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 48.** US Historic Review for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 49.** US 14-Year Perspective for Food Safety Testing Services by Testing Type - Percentage Breakdown of Revenues for Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 50.** US Recent Past, Current & Future Analysis for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently



Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 51.** US Historic Review for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 52.** US 14-Year Perspective for Food Safety Testing Services by End-Use Sector - Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

## 2. CANADA

### A. Market Analysis

#### Market Overview

#### Food Safety Testing in Canada

**Table 53.** Foodborne Illnesses in Canada (2016): Breakdown of Number of Illnesses Caused by *Campylobacter* spp., *Clostridium perfringens*, Norovirus and *Salmonella* spp. (non-typhoidal) (includes corresponding Graph/Chart)

#### GM Crops in Canada: An Overview

#### GM Crops Cultivated in Canada

#### GM Crops Imported

#### CFIA: The Canadian Food Inspection Agency

#### Pesticide Residue Monitoring in Canada

#### Strategic Corporate Development

### B. Market Analytics

**Table 54.** Canadian Recent Past, Current & Future Analysis for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 55.** Canadian Historic Review for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets

Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 56.** Canadian 14-Year Perspective for Food Safety Testing Services by Testing Type - Percentage Breakdown of Revenues for Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 57.** Canadian Recent Past, Current & Future Analysis for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 58.** Canadian Historic Review for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 59.** Canadian 14-Year Perspective for Food Safety Testing Services by End-Use Sector - Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

### 3. JAPAN

A. Market Analysis  
Market Overview

**Table 60.** Number of Food Poisoning Incidents in Japan for the Years 2010 through 2016 (includes corresponding Graph/Chart)

Regulatory Overview  
Food Sanitation Law  
Regulations for the Maximum Level of Cadmium in Rice  
Radiations in Meat Products under Radar  
B. Market Analytics

**Table 61.** Japanese Recent Past, Current & Future Analysis for Food Safety Testing

Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 62.** Japanese Historic Review for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 63.** Japanese 14-Year Perspective for Food Safety Testing Services by Testing Type - Percentage Breakdown of Revenues for Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 64.** Japanese Recent Past, Current & Future Analysis for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 65.** Japanese Historic Review for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 66.** Japanese 14-Year Perspective for Food Safety Testing Services by End-Use Sector - Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

## 4. EUROPE

### A. Market Analysis

#### Food Safety Testing Market: An Overview

#### Microbiological Food Safety Tests in Europe

**Table 67.** Microbiological Food Safety Tests in the EU (2017): Percentage Breakdown of Test Volume for Routine Tests and Pathogen Tests (includes corresponding Graph/Chart)

Labeling of GM Foods – A Must in the EU  
EU Regulations for Improving Food Safety  
EU Regulations on Food Products and Food Safety  
European Food Safety Authority (EFSA)  
EFSA Set to Review Safety Exposure Limits of BPA  
Regulations on GMO Crops  
Status of Ban of GMO Crops in Select European Countries  
Regulation (EC) 1829/2003 on Genetically Modified Organisms  
B. Market Analytics

**Table 68.** European Recent Past, Current & Future Analysis for Food Safety Testing Services by Geographic Region/Country - France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 69.** European Historic Review for Food Safety Testing Services by Geographic Region/Country - France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 70.** European 14-Year Perspective for Food Safety Testing Services by Geographic Region/Country - Percentage Breakdown of Revenues for France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 71.** European Recent Past, Current & Future Analysis for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 72.** European Historic Review for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 73.** European 14-Year Perspective for Food Safety Testing Services by Testing Type - Percentage Breakdown of Revenues for Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2011, 2017 & 2024 (includes

corresponding Graph/Chart)

**Table 74.** European Recent Past, Current & Future Analysis for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 75.** European Historic Review for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 76.** European 14-Year Perspective for Food Safety Testing Services by End-Use Sector - Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

#### **4A. FRANCE**

##### A. Market Analysis

Current and Future Analysis

Strategic Corporate Developments

Select Players

##### B. Market Analytics

**Table 77.** French Recent Past, Current & Future Analysis for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 78.** French Historic Review for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 79.** French 14-Year Perspective for Food Safety Testing Services by Testing Type - Percentage Breakdown of Revenues for Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 80.** French Recent Past, Current & Future Analysis for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 81.** French Historic Review for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 82.** French 14-Year Perspective for Food Safety Testing Services by End-Use Sector - Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

## **4B. GERMANY**

### A. Market Analysis

Current and Future Analysis

Food Safety Regulations in Germany

Codex Alimentarius Influence on Germany

GMO Crops Status

Strategic Corporate Developments

Select Players

### B. Market Analytics

**Table 83.** German Recent Past, Current & Future Analysis for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 84.** German Historic Review for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 85.** German 14-Year Perspective for Food Safety Testing Services by Testing Type - Percentage Breakdown of Revenues for Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2011, 2017 & 2024 (includes



corresponding Graph/Chart)

**Table 86.** German Recent Past, Current & Future Analysis for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 87.** German Historic Review for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 88.** German 14-Year Perspective for Food Safety Testing Services by End-Use Sector - Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

#### **4C. ITALY**

Market Analysis

**Table 89.** Italian Recent Past, Current & Future Analysis for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 90.** Italian Historic Review for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 91.** Italian 14-Year Perspective for Food Safety Testing Services by Testing Type - Percentage Breakdown of Revenues for Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 92.** Italian Recent Past, Current & Future Analysis for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016

through 2024 (includes corresponding Graph/Chart)

**Table 93.** Italian Historic Review for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 94.** Italian 14-Year Perspective for Food Safety Testing Services by End-Use Sector - Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

#### **4D. THE UNITED KINGDOM**

##### A. Market Analysis

Current and Future Analysis

Strategic Corporate Developments

Intertek Group PLC – A Key Player

##### B. Market Analytics

**Table 95.** UK Recent Past, Current & Future Analysis for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 96.** UK Historic Review for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 97.** UK 14-Year Perspective for Food Safety Testing Services by Testing Type - Percentage Breakdown of Revenues for Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 98.** UK Recent Past, Current & Future Analysis for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)



**Table 99.** UK Historic Review for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 100.** UK 14-Year Perspective for Food Safety Testing Services by End-Use Sector - Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

#### **4E. SPAIN**

##### Market Analysis

**Table 101.** Spanish Recent Past, Current & Future Analysis for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 102.** Spanish Historic Review for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 103.** Spanish 14-Year Perspective for Food Safety Testing Services by Testing Type - Percentage Breakdown of Revenues for Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 104.** Spanish Recent Past, Current & Future Analysis for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 105.** Spanish Historic Review for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 106.** Spanish 14-Year Perspective for Food Safety Testing Services by End-Use Sector - Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

#### **4F. RUSSIA**

##### Market Analysis

**Table 107.** Russian Recent Past, Current & Future Analysis for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 108.** Russian Historic Review for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 109.** Russian 14-Year Perspective for Food Safety Testing Services by Testing Type - Percentage Breakdown of Revenues for Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 110.** Russian Recent Past, Current & Future Analysis for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 111.** Russian Historic Review for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 112.** Russian 14-Year Perspective for Food Safety Testing Services by End-Use Sector - Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

#### **4G. REST OF EUROPE**

## A. Market Analysis

Current and Future Analysis

Strategic Corporate Developments

Select Players

## B. Market Analytics

**Table 113.** Rest of Europe Recent Past, Current & Future Analysis for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 114.** Rest of Europe Historic Review for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 115.** Rest of Europe 14-Year Perspective for Food Safety Testing Services by Testing Type - Percentage Breakdown of Revenues for Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 116.** Rest of Europe Recent Past, Current & Future Analysis for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 117.** Rest of Europe Historic Review for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 118.** Rest of Europe 14-Year Perspective for Food Safety Testing Services by End-Use Sector - Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

## 5. ASIA-PACIFIC

## A. Market Analysis

### Market Overview

List of Food Safety Laws as per the Country in Asia-Pacific Region

Labs Make Efforts to Keep Up with Evolving Needs of Food Industry

## B. Market Analytics

**Table 119.** Asia-Pacific Recent Past, Current & Future Analysis for Food Safety Testing Services by Geographic Region/Country - China and Rest of Asia-Pacific Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 120.** Asia-Pacific Historic Review for Food Safety Testing Services by Geographic Region/Country - China and Rest of Asia-Pacific Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 121.** Asia-Pacific 14-Year Perspective for Food Safety Testing Services by Geographic Region/Country - Percentage Breakdown of Revenues for China and Rest of Asia-Pacific Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 122.** Asia-Pacific Recent Past, Current & Future Analysis for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 123.** Asia-Pacific Historic Review for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 124.** Asia-Pacific 14-Year Perspective for Food Safety Testing Services by Testing Type - Percentage Breakdown of Revenues for Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 125.** Asia-Pacific Recent Past, Current & Future Analysis for Food Safety Testing

Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 126.** Asia-Pacific Historic Review for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 127.** Asia-Pacific 14-Year Perspective for Food Safety Testing Services by End-Use Sector - Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

## 5A. CHINA

### A. Market Analysis

Food Safety – A Pressing Issue for China’s Food Industry

Continuing Food Safety Violations and Need to Provide Safe Foods Drives Growth in China’s Food Safety Testing Market

China’s Revised Food Safety Law Seeks to Reduce Food Safety Violations

Food Safety Monitoring System in China

Food Safety Violations Hamper Growth in Food Sector

### B. Market Analytics

**Table 128.** Chinese Recent Past, Current & Future Analysis for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 129.** Chinese Historic Review for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 130.** Chinese 14-Year Perspective for Food Safety Testing Services by Testing Type - Percentage Breakdown of Revenues for Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 131.** Chinese Recent Past, Current & Future Analysis for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 132.** Chinese Historic Review for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 133.** Chinese 14-Year Perspective for Food Safety Testing Services by End-Use Sector - Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

## **5B. REST OF ASIA-PACIFIC**

### A. Market Analysis

#### Current and Future Analysis

#### Focus on Select Regional Markets

#### Australia

#### India

#### High Growth Potential in Food Testing Industry

#### FSSAI Unveils 'Food Safety on Wheels' and InFoLNet for Strengthening Food Safety

#### FSSAI and Food Companies Team Up to Modernize Food Safety Testing Standards

#### Korea

#### Regulatory Overview

#### DDT in Poultry Pushes Government to Introduce Measures to Improve Food Safety

#### Taiwan

#### Strategic Corporate Developments

#### Select Players

### B. Market Analytics

**Table 134.** Rest of Asia-Pacific Recent Past, Current & Future Analysis for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 135.** Rest of Asia-Pacific Historic Review for Food Safety Testing Services by



Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 136.** Rest of Asia-Pacific 14-Year Perspective for Food Safety Testing Services by Testing Type - Percentage Breakdown of Revenues for Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 137.** Rest of Asia-Pacific Recent Past, Current & Future Analysis for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 138.** Rest of Asia-Pacific Historic Review for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 139.** Rest of Asia-Pacific 14-Year Perspective for Food Safety Testing Services by End-Use Sector - Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

## 6. MIDDLE EAST & AFRICA

### A. Market Analysis

Current and Future Analysis

Strategic Corporate Development

### B. Market Analytics

**Table 140.** Middle East & Africa Recent Past, Current & Future Analysis for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 141.** Middle East & Africa Historic Review for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing

Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 142.** Middle East & Africa 14-Year Perspective for Food Safety Testing Services by Testing Type - Percentage Breakdown of Revenues for Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 143.** Middle East & Africa Recent Past, Current & Future Analysis for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 144.** Middle East & Africa Historic Review for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 145.** Middle East & Africa 14-Year Perspective for Food Safety Testing Services by End-Use Sector - Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

## 7. LATIN AMERICA

### A. Market Analysis

Current and Future Analysis

Strategic Corporate Developments

### B. Market Analytics

**Table 146.** Latin American Recent Past, Current & Future Analysis for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 147.** Latin American Historic Review for Food Safety Testing Services by Testing Type - Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011



through 2015 (includes corresponding Graph/Chart)

**Table 148.** Latin American 14-Year Perspective for Food Safety Testing Services by Testing Type - Percentage Breakdown of Revenues for Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 149.** Latin American Recent Past, Current & Future Analysis for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 150.** Latin American Historic Review for Food Safety Testing Services by End-Use Sector - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

**Table 151.** Latin American 14-Year Perspective for Food Safety Testing Services by End-Use Sector - Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

#### **IV. COMPETITIVE LANDSCAPE**

Total Companies Profiled: 84 (including Divisions/Subsidiaries - 100)

The United States (60)

Canada (1)

Japan (1)

Europe (26)

France (2)

Germany (6)

The United Kingdom (3)

Rest of Europe (9)

Asia-Pacific (Excluding Japan) (11)

Middle East (1)

## I would like to order

Product name: Food Safety Testing: Market Research Report

Product link: <https://marketpublishers.com/r/FC0947A8C99EN.html>

Price: US\$ 5,600.00 (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/FC0947A8C99EN.html>