Food Safety Testing - Global Strategic Business Report

Description: This report analyzes the worldwide markets for Food Safety Testing in US$ Million by the following Testing Types:

- Pathogens Testing
- Pesticide Testing
- GMO Testing
- Other Testing

The End-Use markets also analyzed in the report include:

- Processed Food
- Dairy
- Meat
- Others

The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Middle East, and Latin America. Annual estimates and forecasts are provided for the period 2013 through 2020. Also, a seven-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 97 companies including many key and niche players such as:

- 3M Company
- bioMérieux SA
- AES Chemunex SA
- Biolog, Inc.
- Celsis International Ltd.

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: A Global Concern
A Bird’s Eye View of Food Testing Market
Current and Future Analysis
Pathogen Testing
The Largest Testing Type

Table 1: Global Pathogen Testing Market by Leading Brands (2013): Percentage Revenue Share Breakdown for BAX, Petrifilm, VIDAS and Others (includes corresponding Graph/Chart)
Table 2: Global Pathogen Testing Market (2013): Percentage Volume Share Breakdown by Pathogen E.coli, Listeria, Salmonella and Others (includes corresponding Graph/Chart)
Table 3: Global Pathogen Testing Market by Method of Testing (2013): Percentage Breakdown by Culture, Immunochemical and Molecular Methods (includes corresponding Graph/Chart)
Comparison of Food-Borne Pathogen Testing Methods
Comparison of Select Commercially Available Salmonella Tests
Processed Food
The Largest End-Use Segment
Food Safety Testing: Resilient to Economic Volatility
Factors Driving Growth
Globalization Injects Universal Demand for Food Diagnostics
Growing Significance in Developing Nations
Expanding Population Propels Demand
Table 4: World Population by Geographic Region (2000-2050) (in Millions) (includes corresponding Graph/Chart)
Table 5: Global Middle Class Population (2012 & 2030): Percentage Share Breakdown of Population by Select Regions/Countries (includes corresponding Graph/Chart)
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
Food-Borne Outbreaks and Product Recalls Increase in Number and Complexity
List of Select Food Microbiological Outbreaks in the US: 2004-2013
List of Select Food Product Recalls during 2008-2013
Biosensors and Smart Phones Set New Frontiers
List of Select Commercially Available Biosensors for Food Analysis
Biotechnology and Bioinformatics
The Backbone of New Testing Technologies
Competitive Landscape
Table 6: Leading Players in the Global Food Safety Testing Products Market (2013): Percentage Breakdown of Value Sales for bioMerieux SA, 3M, Thermo-Fisher, Inc., Neogen Corporation and Others (includes corresponding Graph/Chart)
Food Molecular Diagnostics
Table 7: Leading Players in the Food Molecular Diagnostics Market (2013): Percentage Market Share Breakdown of Value Sales for 3M/Biotrace, bioMerieux, Neogen, Thermo Fisher and Others (includes corresponding Graph/Chart)

2. MARKET TRENDS AND ISSUES
Food Contract Labs to Outdo Food Plant Labs
Outsourcing of Food Safety Testing Gathers Steam
List of Food Testing Laboratory Types
Food Residue Testing Gaining Ground
Advancements in Microbial Testing Driving Growth in the Market
Non-O157 STEC Pathogens: Focus of Testing Companies
Rapid Tests Transfiguring Industrial Testing
Rapid and Automated Tests: Attractive Solution for Food Processors
Novel & Tested Technologies to Spur Growth
SERS Technique
An Alternative to PFGE
Nanotechnology in Food Testing
Process Testing to Gain Prominence
Automation Pick Up Momentum
Smart Labels and Tags Gains Significance
Adulteration of Meat Products on the Rise
Meat Irradiation: A Solution to Curb Contamination?
Poultry Industry Embraces Rapid Microbiological Testing Technologies
Opportunities for Genetic and Microbiological in Vitro Diagnostics
Mycotoxin: A High Grade Food Contaminant
List of Common Mycotoxins and its Effect on Health
Environmental Monitoring Gaining Prominence in Food Processing Environment
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. TECHNOLOGICAL DEVELOPMENTS/ INNOVATIONS
Research and Development Efforts Underway to Prevent Food-Borne Disorders
Researchers Develop Advanced Food Safety Testing Platform
Food Packages of the Future Ingrained with Microbial Alert Systems
Novel Technique for Detection of Listeria Bacteria in Food
PathoGenetix Demonstrates Genome Sequence Scanning™ (GSS™) Technology for Detection of Foodborne Pathogens
Researchers Develop Innovative Device that Accelerates Detection of Food-Borne Pathogens
Brehm-Stecher Collaborates with Advanced Analytical Technologies to Develop Next-Generation Instrumentation to Enhance Food Safety
Project Underway to Develop New Rapid Test to Enhance Safety of Food

9. PRODUCT INTRODUCTIONS/APPROVALS
Neogen Releases New Rapid Test to Detect PSP-Causing Toxins
3M Food Safety Secures AOAC-OMA Validation for 3M™ Petrifilm™ Salmonella Express System for Identification of Salmonella
DuPont Nutrition & Health Launches BAX System Assay for Listeria Detection
PrimusLabs Adopts Roka Bioscience’s Food Pathogen Detection Platform
EMD Millipore Introduces Readybag
AB SCIEX Introduces MasterView Food Testing Workflow for QTRAP Mass Spectrometry Systems
Neogen’s DNA-Definitive ANSR® System for Salmonella Obtains AOAC Approval
Researchers at National Institute of Nutrition Develops New Kits for Pathogen Testing
ICMR Develops Novel PCR-Based Food/aterborne Pathogen Detection Kits
Neogen Secures Matrix Extension for ANSR™ for Listeria Assay
Genetic ID Launches Digital PCR Testing Technology for GMO Quantification
Neogen Releases new Soleris® DLA-109 Test to Detect Lactic Acid Bacteria
Neogen Rolls Out NeoFilm™ for Microbial Tests
DuPont™ Receives AOAC Certification for BAX® System
Neogen Secures AFNOR Validation for ANSR for Salmonella Rapid Molecular Test System
Department of Defense Food Analysis and Diagnostic Laboratory Installs Atlas System of Roka Bioscience
Genetic ID Introduces Seafood Authenticity Services
Neogen's New Soleris Assay to Detect Alicyclobacillus Contamination
3M Food Safety Rolls Out 3M™ Petrifilm™ Rapid Yeast and Mold Count Plate
3M Food Safety Introduces 3M Petrifilm Salmonella Express System
Bio-Rad Laboratories Rolls Out iQ-Check™ Prep System
Parker Hannifin Launches Parker Balston CAMTU Device
3M Food Safety Introduces 3M™ Molecular Detection Assay
PathoGenetix Introduces Genome Sequence Scanning Technology
BioCote Introduces Bacterial Testing and Analysis Service
Leatherhead Food International Unveils Real-Time Polymerase Chain Reaction Assay
bioMérieux Rolls Out TEMPO® AC Automated Test
Neogen Introduces Ractopamine Lateral Flow Device Tests
Thermo Fisher Scientific Introduces SureTect™ PCR System
AB SCIEX Launches Testing Method to Screen and Quantify Dicyandiamide
Bioo Scientific Introduces Kits Range and Ractopamine Testing Services
Neogen Unveils Igenity Dairy Heifer Program
Marshfield Food Safety Installs Atlas System of Roka Biosciences
PathoGenetix to Integrate GSS™ Technology with RESOLUTION™ Microbial Genotyping System
FOSS Unveils NIR Analytical Solution Line
Beacon Food Safety Develops BrightSPOT Rapid Pathogen Testing Device
bioMérieux Introduces VIDAS® UP Listeria Food Safety Testing Solution
3M Food Safety Introduces Software Upgrade for 3M™ Clean-Trace™ Hygiene Monitoring System
Neogen Unveils ANSR Isothermal Pathogen Detection System
National Institute of Nutrition and Bioserve Biotechnologies Collaborate to Develop PCR-based Food Pathogen Detection Kit
Charm Sciences Receives NCIMS Approval for Charm Flunixin and Beta-lactam Test
RIDASCREEN® Gliadin ELISA from R-Biopharm Receives AOAC Approval as Official First Action Method
GeneDisc Assays from Pall Corp Receives PTM Certification
Charm Blue Yellow II Test Receives Approval from FAVV
bioMérieux Obtains AOAC® OMA Approval for VITEK® 2 Compact
Celsis Rapid Detection Introduces RapidScreen Soy Beverage Kit
Charm Sciences to Launch Charm ROSA FAST5 Range of Quantitative Mycotoxin Tests
3M Unveils Food Pathogen Detection System
Invisible Sentinel Introduces Monoclonal Antibodies for Bacterial Food-borne Pathogens
Micro Imaging Technology Unveils MIT 1000, A Rapid Microbial Identification System
Neogen Unveils ANSR Isothermal Pathogen Detection System for Salmonella
Romer Labs Introduces EnzymeFast®
DSM Unveils Delvotest® BLF, a Next Generation Dairy Test

10. RECENT INDUSTRY ACTIVITY
ATCC Collaborates with bioMérieux
Mérieux NutriSciences to Form Joint Venture with IDAC
Thermo Fisher Teams with USDA-ARS and the Penn State
Thermo Fisher Scientific Takes Over Life Technologies
IDEXX Laboratories Takes Over Madausa do Brasil
Silliker Canada Takes Over Certispec Food Testing
Eurofins Scientific Acquires Laboratorium Zeeuws-Vlaanderen
Vivione Biosciences Enters into Partnership with Kirkegaard & Perry Laboratories
Rheonix Signs Joint Development Agreement with Life Technologies
Leatherhead Food Research Establishes DirtyLab Pilot Pathogen Plant
Wal-Mart Stores Establishes Mobile Food Safety Testing Laboratories
Seegene Signs License Agreement for TOCE™ and DPO™ Technologies with bioMérieux
Eurofins Enters into Collaboration with Phenomenex and AB SCIEX
Life Technologies and FDA Ink Cooperative R&D Agreement
Where Food Comes From and Colorado State University Ink Exclusive Partnership Agreement
Life Technologies Enters into Partnership with Pika Weihenstephan
3M Food Safety Receives NF VALIDATION for 3M™ Molecular Detection Assay
3M Food Safety Secures Validation for 3M™ Molecular Detection Assay Salmonella
bioMérieux Obtains AOAC OMA Approval for VIDAS® LMX and VIDAS® UP LPT Assays
DuPont Nutrition & Health Receives AOAC OMA Approval for DuPont™ BAX® System
3M Food Safety Secures Extension of NF VALIDATION for 3M Molecular Detection Assay Salmonella
3M Food Safety Secures Extension of NF VALIDATION for 3M Molecular Detection Assay Listeria
Marshfield Food Safety Announces Implementation of Roka Bioscience Atlas System
South Korean MFDS Selects Genetic ID NA as Foreign Official Laboratory for GMO Testing
3M Food Safety Secures AOAC-P™ Validation for 3M Tecra Listeria Visual Immunoassay
Eurofins Acquires New Zealand Laboratory Services
Eurofins Acquires Majority Stake in Nihon Kankyo
Life Technologies Acquires Matrix Micro Science
Seegene to Join Forces with DuPont to Develop Multiplexed Molecular Assay for Food Safety Testing
Agilent Technologies Inks Cooperative Research and Development Agreement with USFDA
AB SCIEX Inks Collaboration Agreement with Phenomenex
BIOTECON Diagnostics Enters into OEM Partnership with HTI bio-X
Valio Enters into Agreement with DSM
SGS to Offer Pathogen Testing Services to Pet Food Makers
QC Laboratories Selects Atlas™ System of Roka Bioscience

11. FOCUS ON SELECT PLAYERS
3M Company (US)
bioMérieux SA (France)
AES Chemunex SA (France)
Biolig, Inc. (US)
Celsis International Ltd. (UK)
Charm Sciences, Inc. (USA)
DuPont Molecular Diagnostics (US)
FOSS A/S (Denmark)
Genetic ID NA, Inc. (US)
Neogen Corporation (US)
R-Biopharm AG (Germany)
Romer Labs, Inc. (US)
Thermo Fisher Scientific, Inc. (US)

12. GLOBAL MARKET PERSPECTIVE
Table 8: World Recent Past, Current & Future Market Analysis for Food Safety Testing Products by Geographic Region
Table 9: World Historic Review for Food Safety Testing Products by Geographic Region
Table 10: World 15-Year Perspective for Food Safety Testing Market: Analytics by Testing Type
Table 11: World Recent Past, Current & Future Market Analysis for Pathogen Testing by Geographic Region
Table 12: World Historic Review for Pathogen Testing by Geographic Region
Table 13: World 15-Year Perspective for Pathogen Testing by Geographic Region
East and Latin American Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

Table 14: World Recent Past, Current & Future Market Analysis for Pesticide Testing by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets
Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 15: World Historic Review for Pesticide Testing by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets
Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 16: World 15-Year Perspective for Pesticide Testing by Geographic Region
Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

Table 17: World Recent Past, Current & Future Market Analysis for GMO Testing by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets
Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 18: World Historic Review for GMO Testing by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets
Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 19: World 15-Year Perspective for GMO Testing by Geographic Region
Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

Table 20: World Recent Past, Current & Future Market Analysis for Other Testing Types by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets
Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 21: World Historic Review for Other Testing Types by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets
Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 22: World 15-Year Perspective for Other Testing Types by Geographic Region
Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

Global Food Safety Testing Market: Analytics by End Use Segment

Table 23: World Recent Past, Current & Future Market Analysis for Food Safety Testing Products in Processed Foods Segment by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets
Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 24: World Historic Review for Food Safety Testing Products in Processed Foods Segment by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets
Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 25: World 15-Year Perspective for Food Safety Testing Products in Processed Foods Segment by Geographic Region
Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

Table 26: World Recent Past, Current & Future Market Analysis for Food Safety Testing Products in Dairy Segment by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets
Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 27: World Historic Review for Food Safety Testing Products in Dairy Segment by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets
Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 28: World 15-Year Perspective for Food Safety Testing Products in Dairy Segment by Geographic Region
Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
Table 29: World Recent Past, Current & Future Market Analysis for Food Safety Testing Products in Meat Segment by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets
Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 30: World Historic Review for Food Safety Testing Products in Meat Segment by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets
Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 31: World 15-Year Perspective for Food Safety Testing Products in Meat Segment by Geographic Region
Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

Table 32: World Recent Past, Current & Future Market Analysis for Food Safety Testing Products in Other Segments by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets
Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 33: World Historic Review for Food Safety Testing Products in Other Segments by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets
Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 34: World 15-Year Perspective for Food Safety Testing Products in Other Segments by Geographic Region
Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets for Years 2006, 2014 & 2020 (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
Opportunities Stem from Growing Testing Volume
Food Safety Monitoring Goes Wireless
Microbiology Tests Multiply

Table 35: Microbiological Food Safety Tests in the US (2010): Percentage Share Breakdown of Number of Tests by Segment
Routine Tests and Pathogen Tests Segment (includes corresponding Graph/Chart)

Tackling the Burden of Food Borne Illnesses
List of Select Food Microbiological Outbreaks in the US: 2004-2013

Table 36: Food-borne Illnesses, Hospitalizations and Deaths in the US (2012): Percentage Share Breakdown for Known Pathogens and Unspecified Agents (includes corresponding Graph/Chart)

Table 37: Food Recalls in the US (2013): Percentage Share Breakdown of Number of Food Recalls by Known/Undeclared Pathogens
Extraneous Material, Listeria Monocytogenes, Processing Defect, Salmonella, STEC, Unknown Allergens, Unknown Substances and Others (includes corresponding Graph/Chart)

Table 38: Leading Pathogens Causing Food-borne Illnesses in the US (2012): Percentage Share Breakdown of Number of Illnesses by Known Pathogens
Norovirus, Salmonella nontyphoidal, Clostridium perfringens, Campylobacter spp., Staphylococcus aureus, and Others (includes corresponding Graph/Chart)

Table 39: Leading Food-borne Pathogens Causing Hospitalizations in the US (2012): Percentage Share Breakdown of Number of Hospitalizations by Known Pathogens
Salmonella nontyphoidal, Norovirus, Campylobacter spp., Toxoplasma gondii, E. coli (STEC) 0157, and Others (includes corresponding Graph/Chart)

Table 40: Leading Food-borne Pathogens Causing Deaths in the US (2012): Percentage Share Breakdown of Number of Deaths by Known Pathogens
Salmonella nontyphoidal, Norovirus, Campylobacter spp., Toxoplasma gondii, E. coli (STEC) O157, and Others (includes corresponding Graph/Chart)

Impact of New Testing Procedures on Production and Marketing
Food Safety in the US: A Synopsis
The Dangers of Antibiotics
A Major Cause for Concern for Meat Industry
New Regulations to Enhance Food Safety
Red Meat on the Irradiated Tray
US Processed Meat Industry Embrace New Food Safety Technologies
Mycotoxin Plague Threatens Food Safety in the Country
Imports from China: A Cause of Concern for Food Safety in the Country
Impact of the Fukushima Nuclear Plant Incident on the US Food Sector
CDC Instigates Genome Sequencing Program to Fight Food-Borne 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 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 Introductions/Approvals
Strategic Corporate Developments
Key Players
B. Market Analytics
Table 41: US Recent Past, Current & Future Market Analysis for Food Safety Testing Products by Testing Type
Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 42: US Historic Review for Food Safety Testing Products by Testing Type
Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 43: US 15-Year Perspective for Food Safety Testing Products by Testing Type
Percentage Breakdown of Revenues for Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
Table 44: US Recent Past, Current & Future Market Analysis for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 45: US Historic Review for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 46: US 15-Year Perspective for Food Safety Testing Products by End Use Segment
Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

2. CANADA
A. Market Analysis
Current and Future Analysis
Food Safety Testing in Canada
Table 47: Food-Borne Illnesses Caused by Pathogens in Canada (2012): Percentage Breakdown of number of Illness Caused by Norovirus, Clostridium perfringers, Campylobacter spp, Salmonella spp., non-typhoidal and Others (includes corresponding Graph/Chart)
GM Corps in Canada: An Overview
GM Corps Cultivated in Canada
GM Corps Imported
CFIA: The Canadian Food Inspection Agency
Pesticide Residue Monitoring in Canada
Strategic Corporate Development
B. Market Analytics
Table 48: Canadian Recent Past, Current & Future Market Analysis for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with
3. JAPAN

A. Market Analysis

Overview
USFDA Suspends Imports from Japan Due to Radiation Leak Threat
Regulatory Overview
Food Sanitation Law
Regulations for the Maximum Level of Cadmium in Rice
Radiations in Meat Products under Radar

B. Market Analytics

Table 54: Japanese Recent Past, Current & Future Market Analysis for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 55: Japanese Historic Review for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 56: Japanese 15-Year Perspective for Food Safety Testing Products by Testing Type
Percentage Breakdown of Revenues for Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
Table 57: Japanese Recent Past, Current & Future Market Analysis for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 58: Japanese Historic Review for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 59: Japanese 15-Year Perspective for Food Safety Testing Products by End Use Segment
Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

4. EUROPE

A. Market Analysis

Food Safety Testing Market: An Overview
Table 60: Microbiological Food Safety Tests in Europe (2012): Percentage Share Breakdown of Number of Tests by Segment
Routine Tests and Pathogen Tests (includes corresponding Graph/Chart)
Current and Future Analysis
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)
Regulations on GMO Crops
Status of Ban of GMO Corps in Select European Countries
Regulation (EC) 1829/2003 on Genetically Modified Organisms Product Introductions/Approvals
Strategic Corporate Developments

B. Market Analytics

Table 61: European Recent Past, Current & Future Market Analysis for Food Safety Testing Products by Geographic Region
France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 62: European Historic Review for Food Safety Testing Products by Geographic Region
France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 63: European 15-Year Perspective for Food Safety Testing Products by Geographic Region
Percentage Breakdown of Revenues for France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

Table 64: European Recent Past, Current & Future Market Analysis for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 65: European Historic Review for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 66: European 15-Year Perspective for Food Safety Testing Products by Testing Type
Percentage Breakdown of Revenues for Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

Table 67: European Recent Past, Current & Future Market Analysis for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 68: European Historic Review for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 69: European 15-Year Perspective for Food Safety Testing Products by End Use Segment
Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

4a. FRANCE

A. Market Analysis

Outlook
Product Introductions/Approvals
Strategic Corporate Development
Key Players

B. Market Analytics

Table 70: French Recent Past, Current & Future Market Analysis for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 71: French Historic Review for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 72: French 15-Year Perspective for Food Safety Testing Products by Testing Type
Percentage Breakdown of Revenues for Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

Table 73: French Recent Past, Current & Future Market Analysis for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 74: French Historic Review for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 75: French 15-Year Perspective for Food Safety Testing Products by End Use Segment
Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

4b. GERMANY

A. Market Analysis

Outlook
Food Safety Regulations in Germany
Codex Alimentarius Influence on Germany
GMO Crops Status
Product Approval
Strategic Corporate Development
Key Players

B. Market Analytics

Table 76: German Recent Past, Current & Future Market Analysis for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 77: German Historic Review for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 78: German 15-Year Perspective for Food Safety Testing Products by Testing Type
Percentage Breakdown of Revenues for Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

Table 79: German Recent Past, Current & Future Market Analysis for Food Safety Testing Products by End Use Segment - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 80: German Historic Review for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 81: German 15-Year Perspective for Food Safety Testing Products by End Use Segment
Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

4c. ITALY

A. Market Analysis
Italy Bans Monsanto GM Corn

B. Market Analytics

Table 82: Italian Recent Past, Current & Future Market Analysis for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 83: Italian Historic Review for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 84: Italian 15-Year Perspective for Food Safety Testing Products by Testing Type
Percentage Breakdown of Revenues for Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

Table 85: Italian Recent Past, Current & Future Market Analysis for Food Safety Testing Products by End Use Segment - Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 86: Italian Historic Review for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 87: Italian 15-Year Perspective for Food Safety Testing Products by End Use Segment
Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

4d. THE UNITED KINGDOM

A. Market Analysis

Outlook

Product Introductions/Approvals

Strategic Corporate Developments

Celsis International Ltd.

A. Key Player

B. Market Analytics

Table 88: UK Recent Past, Current & Future Market Analysis for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 89: UK Historic Review for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 90: UK 15-Year Perspective for Food Safety Testing Products by Testing Type
Percentage Breakdown of Revenues for Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
Table 91: UK Recent Past, Current & Future Market Analysis for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 92: UK Historic Review for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 93: UK 15-Year Perspective for Food Safety Testing Products by End Use Segment
Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

4e. SPAIN
Market Analysis
Table 94: Spanish Recent Past, Current & Future Market Analysis for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 95: Spanish Historic Review for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 96: Spanish 15-Year Perspective for Food Safety Testing Products by Testing Type
Percentage Breakdown of Revenues for Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
Table 97: Spanish Recent Past, Current & Future Market Analysis for Food Safety Testing Products by End Use Segment- Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 98: Spanish Historic Review for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 99: Spanish 15-Year Perspective for Food Safety Testing Products by End Use Segment
Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

4f. RUSSIA
A. Market Analysis
Russia Bans GMO
B. Market Analytics
Table 100: Russian Recent Past, Current & Future Market Analysis for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 101: Russian Historic Review for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 102: Russian 15-Year Perspective for Food Safety Testing Products by Testing Type
Percentage Breakdown of Revenues for Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
Table 103: Russian Recent Past, Current & Future Market Analysis for Food Safety Testing Products by End Use Segment- Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 104: Russian Historic Review for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 105: Russian 15-Year Perspective for Food Safety Testing Products by End Use Segment
Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

4g. REST OF EUROPE
A. Market Analysis
Outlook
Swedish Microbiology Testing Market
Product Innovations/Launches
Strategic Corporate Developments
Foss A/S (Denmark)
A Key Player
B. Market Analytics
Table 106: Rest of Europe Recent Past, Current & Future Market Analysis for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 107: Rest of Europe Historic Review for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 108: Rest of Europe 15-Year Perspective for Food Safety Testing Products by Testing Type
Percentage Breakdown of Revenues for Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

Table 109: Rest of Europe Recent Past, Current & Future Market Analysis for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 110: Rest of Europe Historic Review for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 111: Rest of Europe 15-Year Perspective for Food Safety Testing Products by End Use Segment
Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

5. ASIA-PACIFIC
A. Market Analysis
Asia-Pacific
World's Fastest Growing Market
List of Food Safety Laws as per the Country in Asia-Pacific Region

B. Market Analytics
Table 112: Asia-Pacific Recent Past, Current & Future Market Analysis for Food Safety Testing Products by Geographic Region
China and Rest of Asia-Pacific Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 113: Asia-Pacific Historic Review for Food Safety Testing Products by Geographic Region
China and Rest of Asia-Pacific Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 114: Asia-Pacific 15-Year Perspective for Food Safety Testing Products by Geographic Region
Percentage Breakdown of Revenues for China and Rest of Asia-Pacific Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

Table 115: Asia-Pacific Recent Past, Current & Future Market Analysis for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 116: Asia-Pacific Historic Review for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 117: Asia-Pacific 15-Year Perspective for Food Safety Testing Products by Testing Type
Percentage Breakdown of Revenues for Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

Table 118: Asia-Pacific Recent Past, Current & Future Market Analysis for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 119: Asia-Pacific Historic Review for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 120: Asia-Pacific 15-Year Perspective for Food Safety Testing Products by End Use Segment
Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

5a. CHINA
A. Market Analysis
Food Safety Monitoring System in China
Table 121: Chinese Food Safety Testing Market (2013): Percentage Share Breakdown for State-Run Testing Organizations, Foreign Testing Organizations and Others (includes corresponding Graph/Chart)

Food Safety Violations Hamper Growth in Food Sector
China's Food Safety Law
Strategic Corporate Development
B. Market Analytics
Table 122: Chinese Recent Past, Current & Future Market Analysis for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 123: Chinese Historic Review for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 124: Chinese 15-Year Perspective for Food Safety Testing Products by Testing Type
Percentage Breakdown of Revenues for Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
Table 125: Chinese Recent Past, Current & Future Market Analysis for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 126: Chinese Historic Review for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 127: Chinese 15-Year Perspective for Food Safety Testing Products by End Use Segment
Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

5b. REST OF ASIA-PACIFIC
A. Market Analysis
Focus on Select Regional Markets
India
High Potential for Growth in Food Testing Industry
Thailand
Australia
Australia Renews Testing Laws on Food Imports from Japan
Korea
Top Processed Products Necessitate Labeling
Product Launches
B. Market Analytics
Table 128: Rest of Asia-Pacific Recent Past, Current & Future Market Analysis for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 129: Rest of Asia-Pacific Historic Review for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 130: Rest of Asia-Pacific 15-Year Perspective for Food Safety Testing Products by Testing Type
Percentage Breakdown of Revenues for Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
Table 131: Rest of Asia-Pacific Recent Past, Current & Future Market Analysis for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 132: Rest of Asia-Pacific Historic Review for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 133: Rest of Asia-Pacific 15-Year Perspective for Food Safety Testing Products by End Use Segment
Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

6. THE MIDDLE EAST
A. Market Analysis
UAE to Increase Testing of Camel Shipments from GCC Due to Fears of MERS CoV
B. Market Analytics
Table 134: Middle East Recent Past, Current & Future Market Analysis for Food Safety Testing Products by Testing Type
Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with
Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 135: Middle East Historic Review for Food Safety Testing Products by Testing Type
Pathogen Testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 136: Middle East 15-Year Perspective for Food Safety Testing Products by Testing Type
Percentage Breakdown of Revenues for Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
Table 137: Middle East Recent Past, Current & Future Market Analysis for Food Safety Testing Products by End Use Segment- Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 138: Middle East Historic Review for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 139: Middle East 15-Year Perspective for Food Safety Testing Products by End Use Segment
Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

7. LATIN AMERICA
A. Market Analysis
GM Corn and Soy Face Ban
B. Market Analytics
Table 140: Latin American Recent Past, Current & Future Market Analysis for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 141: Latin American Historic Review for Food Safety Testing Products by Testing Type
Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 142: Latin American 15-Year Perspective for Food Safety Testing Products by Testing Type
Percentage Breakdown of Revenues for Pathogen testing, Pesticide Testing, GMO Testing and Other Testing Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
Table 143: Latin American Recent Past, Current & Future Market Analysis for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 144: Latin American Historic Review for Food Safety Testing Products by End Use Segment
Processed Food, Dairy, Meat, and Other Markets Independently Analyzed with Annual Revenue Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 145: Latin American 15-Year Perspective for Food Safety Testing Products by End Use Segment
Percentage Breakdown of Revenues for Processed Food, Dairy, Meat, and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE
Total Companies Profiled: 97 (including Divisions/Subsidiaries -113)
The United States (72)
Canada (2)
Japan (1)
Europe (31)
France (1)
Germany (6)
The United Kingdom (11)
Italy (2)
Rest of Europe (10)
Asia-Pacific (Excluding Japan) (7)

Ordering:
Order Online - http://www.researchandmarkets.com/reports/338415/
Order by Fax - using the form below
Order by Post - print the order form below and send to
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

| Product Name: | Food Safety Testing - Global Strategic Business Report |
| Web Address: | http://www.researchandmarkets.com/reports/338415/ |
| Office Code: | SCDKFRA5 |

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>USD 4950</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>USD 6930</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 10 Users:</td>
<td>USD 9405</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 15 Users:</td>
<td>USD 11880</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr</th>
<th>Mrs</th>
<th>Dr</th>
<th>Miss</th>
<th>Ms</th>
<th>Prof</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email Address: *</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job Title:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organisation:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fax Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: _______________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:

(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World