

# **NORTH AMERICA FOOD ENCAPSULATION MARKET FORECAST 2017-2025**

<https://marketpublishers.com/r/N40E6573FF1EN.html>

Date: February 2017

Pages: 89

Price: US\$ 1,250.00 (Single User License)

ID: N40E6573FF1EN

## **Abstracts**

### **KEY FINDINGS**

The North American food encapsulation market is anticipated to generate a revenue of \$24116 million by the year 2025 and is expected to hold the largest share in the global market. The market is showing a great potential with a CAGR of 6.59% for the forecast period of 2017- 2025. An enhanced shelf life for the products and an increased bio-availability offered by the food encapsulation technologies are the major factors contributing to the growth in the North American Market.

### **MARKET INSIGHTS**

Application of nanotechnologies such as nanoscale designing and an improvement of the multi-component feature in the food encapsulation market may widen the opportunities for the market in this region. The key drivers for the growth of the North American food encapsulation market are the ability of food encapsulation methodologies to enhance the shelf life of the product, the ability to mask the taste and color of the product, controlled release functions, and an advent of nourishment and functional foods. However, the market faces a major challenge as the expenses of these food encapsulation technologies are very high and there is a comparatively low growth in terms of technological progress

### **COMPETITIVE INSIGHTS**

The key players in the food encapsulation market are Firmenich, Ingredion Incorporated, Cargill Incorporated, Aveka Group, Friesland Brands B.V, Lycored Ltd, Royal, Dsm N.V, Symrise AG (Symrise), Sensient Technologies Corp, Balchem

Corporation, Kerry Group Plc and Givaudan Saadr. Firmenich also produces natural and synthetic ingredients for beauty, nutrition, and consumer goods industry along with other products like flavors for beverages, savory foods, and health products. Symrise AG is another such company which sells flavoring, raw materials and ingredients for the cosmetic industry along with bioactive and biofunctional materials for health and personal care industry.

## Contents

### **1. RESEARCH SCOPE**

- 1.1. STUDY GOALS
- 1.2. SCOPE OF THE MARKET STUDY
- 1.3. WHO WILL FIND THIS REPORT USEFUL?
- 1.4. STUDY AND FORECASTING YEARS

### **2. RESEARCH METHODOLOGY**

- 2.1. SOURCES OF DATA
  - 2.1.1. SECONDARY DATA
  - 2.1.2. PRIMARY DATA
- 2.2. TOP DOWN APPROACH
- 2.3. BOTTOM-UP APPROACH
- 2.4. DATA TRIANGULATION

### **3. EXECUTIVE SUMMARY**

- 3.1. MARKET SUMMARY
- 3.2. KEY FINDINGS

### **4. MARKET DETERMINANTS**

- 4.1. DRIVERS
  - 4.1.1. ENHANCES THE SHELF LIFE
  - 4.1.2. RETENTION OR MASKING OF TASTE AND COLOR
  - 4.1.3. ENRICHED BIOAVAILABILITY OF FOOD INGREDIENTS
  - 4.1.4. CONTROLLED RELEASE FUNCTION
  - 4.1.5. ADVENT OF FUNCTIONAL OR NOURISHMENT FOODS
  - 4.1.6. INCREASING DEMAND FOR NUTRITIONAL HEALTH FOODS FOR CHILDREN AND BABY FOOD
- 4.2. RESTRAINTS
  - 4.2.1. HIGH EXPENSES & LOWER TECHNOLOGY PROGRESSES
  - 4.2.2. MULTI-COMPONENT DELIVERY SYSTEM
- 4.3. OPPORTUNITIES
  - 4.3.1. IMPROVEMENT OF MULTI-COMPONENT FEATURE
  - 4.3.2. APPLICATION OF NANOTECHNOLOGY IN FOOD ENCAPSULATION

## MARKET

### 4.3.3. NANOSCALE DESIGNS

## 5. MARKET SEGMENTATION

### 5.1. BY COMPONENTS

#### 5.1.1. MARKET BY TECHNOLOGY

##### 5.1.1.1. MICROENCAPSULATION

###### 5.1.1.1.1. POLYMERIZATION

###### 5.1.1.1.1.1. MATRIX

###### 5.1.1.1.1.2. INTERFACIAL

###### 5.1.1.1.1.3. IN SITU

###### 5.1.1.1.1.4. SPINNING DISK

##### 5.1.1.1.2. NANO-ENCAPSULATION

###### 5.1.1.1.2.1. MICELLE

###### 5.1.1.1.2.2. CONTROLLED PRECIPITATION

###### 5.1.1.1.2.3. LAYER-BY-LAYER DEPOSITION

###### 5.1.1.1.2.4. PHASE INVERSION / PRECIPITATION

##### 5.1.1.1.3. HYBRID TECHNOLOGIES

###### 5.1.1.1.3.1. COACERVATION

###### 5.1.1.1.3.2. INCLUSION COMPLEXATION/MOLECULAR INTRUSION

###### 5.1.1.1.3.3. SOLVENT EVAPORATION

###### 5.1.1.1.3.4. LIPOSOME ENCAPSULATION

###### 5.1.1.1.3.5. SPRAY DRYING

###### 5.1.1.1.3.6. EXTRUSION

###### 5.1.1.1.3.7. COCRYSTALLIZATION

###### 5.1.1.1.3.8. FLUIDIZED BED COATING

###### 5.1.1.1.3.9. SPRAY COOLING

##### 5.1.1.1.4. MACRO-ENCAPSULATION

#### 5.1.2. MARKET BY INGREDIENTS

##### 5.1.2.1. VITAMINS

###### 5.1.2.1.1. FAT SOLUBLE

###### 5.1.2.1.1.1. VITAMIN A

###### 5.1.2.1.1.2. VITAMIN K

###### 5.1.2.1.1.3. VITAMIN D

###### 5.1.2.1.1.4. VITAMIN E

##### 5.1.2.1.2. WATER-SOLUBLE VITAMINS

###### 5.1.2.1.2.1. VITAMIN C

###### 5.1.2.1.2.2. VITAMIN B COMPLEX

## 5.1.2.2. MINERALS

5.1.2.2.1. PHOSPHOROUS

5.1.2.2.2. MAGNESIUM

5.1.2.2.3. IRON

5.1.2.2.4. CALCIUM

5.1.2.2.5. ZINC

## 5.1.2.3. ENZYMES

5.1.2.3.1. PHOSPHATASE

5.1.2.3.2. LIPASE

5.1.2.3.3. LACTASE

5.1.2.3.4. ORGANIC ACIDS

5.1.2.3.4.1. CITRIC ACID

5.1.2.3.4.2. ADIPIC ACIDS

5.1.2.3.4.3. MALIC ACID

5.1.2.3.4.4. FUMARIC ACID

5.1.2.3.4.5. LACTIC ACID

5.1.2.3.4.6. SORBIC ACID

5.1.2.3.5. PROBIOTICS

5.1.2.3.5.1. LACTOBACILLI

5.1.2.3.5.1.1. STREPTOCOCCUS THERMOPHILUS

5.1.2.3.5.1.2. LACTOBACILLUS ACIDOPHILUS

5.1.2.3.5.1.3. LACTOBACILLUS RHAMNOSUS

5.1.2.3.5.1.4. LACTOBACILLUS BULGARICUS

5.1.2.3.5.1.5. LACTOBACILLUS SALIVARIUS

5.1.2.3.5.1.6. LACTOBACILLUS PLANTARUM

5.1.2.3.5.1.7. LACTOBACILLUS CASEI

5.1.2.3.5.1.8. LACTOBACILLUS SPOROGENES

5.1.2.3.5.2. YEAST

5.1.2.3.5.3. BIFIDOBACTERIA

5.1.2.3.5.4. HOMEOSTATIC SOIL ORGANISMS

5.1.2.3.6. SWEETENERS

5.1.2.3.7. PRESERVATIVES

5.1.2.3.8. PREBIOTICS

5.1.2.3.8.1. INULIN

5.1.2.3.8.2. FRUCTOOLIGOSACCHARIDE

5.1.2.3.8.3. GALACTO OLIGOSACCHARIDE

5.1.2.3.8.4. OTHERS

5.1.2.3.9. COLORS

5.1.2.3.10. FLAVOR & ESSENCE

- 5.1.3. MARKET BY PACKAGING
- 5.2. BY APPLICATION
  - 5.2.1. OXIDATION
  - 5.2.2. COLOR MASKING
  - 5.2.3. FLAVOR STABILIZATION
  - 5.2.4. TASTE MASKING
- 5.3. BY END USER
  - 5.3.1. BAKERY INDUSTRY
  - 5.3.2. PROCESSED MEAT
  - 5.3.3. CONFECTIONARY INDUSTRY
  - 5.3.4. CONVENIENCE AND PROCESSED FOODS
  - 5.3.5. FORTIFIED FOODS
  - 5.3.6. FUNCTIONAL FOODS

## **6. KEY ANALYTICS**

- 6.1. PORTER'S FIVE FORCES ANALYSIS
  - 6.1.1. THREAT OF NEW ENTRANTS
  - 6.1.2. THREAT OF SUBSTITUTE PRODUCTS OR SERVICES
  - 6.1.3. BARGAINING POWER OF BUYER
  - 6.1.4. BARGAINING POWER OF SUPPLIER
  - 6.1.5. INTENSITY OF COMPETITIVE RIVALRY
- 6.2. OPPORTUNITY MATRIX
- 6.3. VENDOR LANDSCAPE

## **7. GEOGRAPHICAL ANALYSIS**

- 7.1. NORTH AMERICA
  - 7.1.1. UNITED STATES (US)
  - 7.1.2. CANADA

## **8. COMPANY PROFILES**

- 8.1. AVEKA GROUP
- 8.2. BALCHEM CORPORATION
- 8.3. CARGILL, INCORPORATED
- 8.4. FIRMENICH SA
- 8.5. FRIESLAND BRANDS B.V.
- 8.6. GIVAUDAN SAADR

- 8.7. INGREDION INCORPORATED
- 8.8. KERRY GROUP PLC
- 8.9. LYCORED LTD
- 8.10. ROYAL DSM N.V.
- 8.11. SENSIENT TECHNOLOGIES CORP
- 8.12. SYMRISE AG

## **TABLE LIST**

TABLE 1 NORTH AMERICA FOOD ENCAPSULATION MARKET BY REGION  
2017-2025 (\$MILLIONS)

TABLE 2 NORTH AMERICA FOOD ENCAPSULATION MARKET BY COMPONENTS  
2017-2025 (\$ MILLION)

TABLE 3 NORTH AMERICA FOOD ENCAPSULATION MARKET BY TECHNOLOGY  
2017-2025 (\$ MILLION)

TABLE 4 NORTH AMERICA MICROENCAPSULATION MARKET BY PRODUCT  
2017-2025 (\$MILLIONS)

TABLE 5 NORTH AMERICA MICROENCAPSULATION MARKET BY GEOGRAPHY  
2017-2025 (\$MILLIONS)

TABLE 6 NORTH AMERICA POLYMERIZATION MARKET BY PRODUCT 2017-2025  
(\$MILLIONS)

TABLE 7 NORTH AMERICA POLYMERIZATION MARKET BY GEOGRAPHY  
2017-2025 (\$MILLIONS)

TABLE 8 NORTH AMERICA MATRIX POLYMERIZATION MARKET BY GEOGRAPHY  
2017-2025 (\$MILLIONS)

TABLE 9 NORTH AMERICA INTERFACIAL POLYMERIZATION MARKET BY  
GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 10 NORTH AMERICA IN SITU POLYMERIZATION MARKET BY GEOGRAPHY  
2017-2025 (\$MILLIONS)

TABLE 11 NORTH AMERICA SPINNING DISK MARKET BY GEOGRAPHY 2017-2025  
(\$MILLIONS)

TABLE 12 NORTH AMERICA NANO-ENCAPSULATION MARKET BY PRODUCT  
2017-2025 (\$MILLIONS)

TABLE 13 NORTH AMERICA NANO-ENCAPSULATION MARKET BY GEOGRAPHY  
2017-2025 (\$MILLIONS)

TABLE 14 NORTH AMERICA MICELLE MARKET BY GEOGRAPHY 2017-2025  
(\$MILLIONS)

TABLE 15 NORTH AMERICA CONTROLLED PRECIPITATION MARKET BY  
GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 16 NORTH AMERICA LAYER BY LAYER DEPOSITION MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 17 NORTH AMERICA PHASE INVERSION MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 18 NORTH AMERICA HYBRID TECHNOLOGIES MARKET BY PRODUCT 2017-2025 (\$MILLIONS)

TABLE 19 NORTH AMERICA HYBRID TECHNOLOGIES MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 20 NORTH AMERICA COACERVATION MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 21 NORTH AMERICA INCLUSION COMPLEXATION MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 22 NORTH AMERICA SOLVENT EVAPORATION MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 23 NORTH AMERICA LIPOSOME ENCAPSULATION MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 24 NORTH AMERICA SPRAY DRYING MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 25 NORTH AMERICA SPRAY DRYING MARKET 2017-2025 (\$MILLIONS)

TABLE 26 NORTH AMERICA EXTRUSION MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 27 NORTH AMERICA COCRYSTALLIZATION MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 28 NORTH AMERICA FLUIDISED BED COATING MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 29 NORTH AMERICA FLUIDISED BED COATING MARKET 2017-2025 (\$MILLIONS)

TABLE 30 NORTH AMERICA SPRAY COOLING MARKET BY GEOGRAPHY 2007--2014 (\$MILLIONS)

TABLE 31 NORTH AMERICA MACRO-ENCAPSULATION MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 32 NORTH AMERICA FOOD ENCAPSULATION MARKET BY INGREDIENTS 2017--2025 (\$MILLIONS)

TABLE 33 NORTH AMERICA FOOD ENCAPSULATION VITAMINS MARKET 2017-2025 (\$MILLIONS)

TABLE 34 NORTH AMERICA FOOD ENCAPSULATION VITAMINS MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 35 NORTH AMERICA FAT SOLUBLE MARKET BY PRODUCT 2017-2025 (\$MILLIONS)



TABLE 36 NORTH AMERICA FAT SOLUBLE MARKET BY GEOGRAPHY 2017-2025  
(\$MILLIONS)

TABLE 37 NORTH AMERICA VITAMIN A MARKET BY GEOGRAPHY 2017-2025  
(\$MILLIONS)

TABLE 38 NORTH AMERICA VITAMIN K MARKET BY GEOGRAPHY 2017-2025  
(\$MILLIONS)

TABLE 39 NORTH AMERICA VITAMIN D MARKET BY GEOGRAPHY 2017-2025  
(\$MILLIONS)

TABLE 40 NORTH AMERICA VITAMIN D MARKET 2017-2025 (\$MILLIONS)

TABLE 41 NORTH AMERICA VITAMIN E MARKET BY GEOGRAPHY 2017-2025  
(\$MILLIONS)

TABLE 42 NORTH AMERICA WATER SOLUBLE VITAMINS MARKET BY PRODUCTS  
2017-2025 (\$MILLIONS)

TABLE 43 NORTH AMERICA WATER SOLUBLE VITAMINS MARKET BY  
GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 44 NORTH AMERICA VITAMIN C MARKET BY GEOGRAPHY 2017-2025  
(\$MILLIONS)

TABLE 45 NORTH AMERICA VITAMIN C MARKET 2017-2025 (\$MILLIONS)

TABLE 46 NORTH AMERICA VITAMIN B COMPLEX MARKET BY GEOGRAPHY  
2017-2025(\$MILLIONS)

TABLE 47 NORTH AMERICA VITAMIN B COMPLEX MARKET  
2017-2025(\$MILLIONS)

TABLE 48 NORTH AMERICA MINERALS MARKET BY PRODUCTS  
2017-2025(\$MILLIONS)

TABLE 49 NORTH AMERICA MINERALS MARKET BY GEOGRAPHY  
2017-2025(\$MILLION)

TABLE 50 NORTH AMERICA PHOSPHOROUS MARKET BY GEOGRAPHY  
2017-2025(\$MILLIONS)

TABLE 51 NORTH AMERICA MAGNESIUM MARKET BY GEOGRAPHY  
2017-2025(\$MILLIONS)

TABLE 52 NORTH AMERICA IRON MARKET BY GEOGRAPHY  
2017-2025(\$MILLIONS)

TABLE 53 NORTH AMERICA CALCIUM MARKET BY GEOGRAPHY 2017-2025  
(\$MILLIONS)

TABLE 54 NORTH AMERICA ZINC MARKET BY GEOGRAPHY 2017-2025  
(\$MILLIONS)

TABLE 55 NORTH AMERICA ENZYMES MARKET BY PRODUCTS 2017-2025  
(\$MILLIONS)

TABLE 56 NORTH AMERICA ENZYMES MARKET BY GEOGRAPHY 2017-2025

(\$MILLIONS)

TABLE 57 NORTH AMERICA PHOSPHATASE MARKET BY GEOGRAPHY 2017-2025

(\$MILLIONS)

TABLE 58 NORTH AMERICA LIPASE MARKET BY GEOGRAPHY 2017-2025

(\$MILLIONS)

TABLE 59 NORTH AMERICA LACTASE MARKET BY GEOGRAPHY 2017-2025

(\$MILLIONS)

TABLE 60 NORTH AMERICA ORGANIC ACID MARKET BY PRODUCTS 2017-2025

(\$MILLIONS)

TABLE 61 NORTH AMERICA ORGANIC ACID MARKET BY GEOGRAPHY 2017-2025

(\$MILLIONS)

TABLE 62 NORTH AMERICA CITRIC ACID MARKET BY GEOGRAPHY 2017-2025

(\$MILLIONS)

TABLE 63 NORTH AMERICA ADIPIC ACID MARKET BY GEOGRAPHY 2017-2025

(\$MILLIONS)

TABLE 64 NORTH AMERICA MALIC ACID MARKET BY GEOGRAPHY 2017-2025

(\$MILLIONS)

TABLE 65 NORTH AMERICA MALIC ACID MARKET 2017-2025 (\$MILLIONS)

TABLE 66 NORTH AMERICA FUMARIC ACID MARKET BY GEOGRAPHY 2017-2025

(\$MILLIONS)

TABLE 67 NORTH AMERICA LACTIC ACID MARKET BY GEOGRAPHY 2017-2025

(\$MILLIONS)

TABLE 68 NORTH AMERICA SORBIC ACID MARKET BY GEOGRAPHY 2017-2025

(\$MILLIONS)

TABLE 69 NORTH AMERICA SORBIC ACID MARKET 2017-2025 (\$MILLIONS)

TABLE 70 NORTH AMERICA PROBIOTICS MARKET BY PRODUCTS 2017-2025

(\$MILLIONS)

TABLE 71 NORTH AMERICA PROBIOTICS MARKET BY GEOGRAPHY 2017-2025

(\$MILLIONS)

TABLE 72 NORTH AMERICA LACTOBACILLI MARKET BY PRODUCTS 2017-2025

(\$MILLIONS)

TABLE 73 NORTH AMERICA STREPTOCOCCUS THERMOPHILUS MARKET BY  
GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 74 NORTH AMERICA LACTOBACILLI ACIDOPHILUS MARKET BY  
GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 75 NORTH AMERICA LACTOBACILLI RHAMNOSUS MARKET BY  
GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 76 NORTH AMERICA LACTOBACILLI BULGARIUS MARKET BY  
GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 77 NORTH AMERICA LACTOBACILLI SALIVARIUS MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 78 NORTH AMERICA LACTOBACILLI PLANTARUM MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 79 NORTH AMERICA LACTOBACILLI CASEI MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 80 NORTH AMERICA LACTOBACILLI SPOROGENES MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 81 NORTH AMERICA YEAST MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 82 NORTH AMERICA BIFIDOBACTERIA MARKET BY PRODUCTS 2017-2025 (\$MILLIONS)

TABLE 83 NORTH AMERICA BIFIDOBACTERIA MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 84 NORTH AMERICA BIFIDOBACTERIA BIFIDUM MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 85 NORTH AMERICA BIFIDOBACTERIA LONGUM MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 86 NORTH AMERICA BIFIDOBACTERIA INFANTIS MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 87 NORTH AMERICA HOMOEOSTATIC SOIL ORGANISM MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 88 NORTH AMERICA SWEETENERS MARKET BY PRODUCTS 2017-2025 (\$MILLIONS)

TABLE 89 NORTH AMERICA SWEETENERS MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 90 NORTH AMERICA PRESERVATIVES MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 91 NORTH AMERICA PREBIOTICS MARKET BY PRODUCTS 2017-2025 (\$MILLIONS)

TABLE 92 NORTH AMERICA PREBIOTICS MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 93 NORTH AMERICA INULIN MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 94 NORTH AMERICA FRUCTOOLIGOSACCHARIDE MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 95 NORTH AMERICA GALACTO OLIGOSACCHARIDE MARKET BY GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 96 NORTH AMERICA OTHER PREBIOTICS MARKET BY GEOGRAPHY

2017-2025 (\$MILLIONS)

TABLE 97 NORTH AMERICA COLORS MARKET BY PRODUCTS 2017-2025  
(\$MILLIONS)

TABLE 98 NORTH AMERICA FLAVORS & ESSENCE MARKET BY PRODUCTS  
2017-2025 (\$MILLIONS)

TABLE 99 NORTH AMERICA FLAVORS & ESSENCE MARKET BY GEOGRAPHY  
2017-2025 (\$MILLIONS)

TABLE 100 NORTH AMERICA FOOD ENCAPSULATION PACKAGING MARKET BY  
GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 101 NORTH AMERICA FOOD ENCAPSULATION PACKAGING MARKET  
2017-2025 (\$MILLIONS)

TABLE 102 NORTH AMERICA FOOD ENCAPSULATION MARKET BY APPLICATION  
2017-2025 (\$MILLIONS)

TABLE 103 NORTH AMERICA FOOD ENCAPSULATION APPLICATION MARKET BY  
GEOGRAPHY 2017-2025 (\$MILLIONS)

TABLE 104 NORTH AMERICA OXIDATION MARKET BY REGION 2017-2025  
(\$MILLIONS)

TABLE 105 NORTH AMERICA COLOR MASKING MARKET BY REGION 2017-2025  
(\$MILLIONS)

TABLE 106 NORTH AMERICA FLAVOR STABILIZATION MARKET BY REGION  
2017-2025 (\$MILLIONS)

TABLE 107 NORTH AMERICA TASTE MASKING MARKET BY REGION 2017-2025  
(\$MILLIONS)

TABLE 108 NORTH AMERICA FOOD ENCAPSULATION MARKET BY END USER  
2017-2025 (\$MILLIONS)

TABLE 109 NORTH AMERICA FOOD ENCAPSULATION END-USER MARKET BY  
REGION 2017-2025 (\$MILLIONS)

TABLE 110 NORTH AMERICA BAKERY INDUSTRY MARKET BY REGION 2017-2025  
(\$MILLIONS)

TABLE 111 NORTH AMERICA PROCESSED MEAT MARKET BY REGION 2017-2025  
(\$MILLIONS)

TABLE 112 NORTH AMERICA CONFECTIONARY INDUSTRY MARKET BY REGION  
2017-2025 (\$MILLIONS)

TABLE 113 NORTH AMERICA CONVENIENCE FOODS MARKET BY REGION  
2017-2025 (\$MILLIONS)

TABLE 114 NORTH AMERICA FORTIFIED FOODS MARKET BY REGION 2017-2025  
(\$MILLIONS)

TABLE 115 NORTH AMERICA FUNCTIONAL FOODS MARKET BY REGION  
2017-2025 (\$MILLIONS)

TABLE 116 NORTH AMERICA FOOD ENCAPSULATION MARKET BY REGION  
2017-2025 (\$MILLIONS)

TABLE 117 NORTH AMERICA FOOD ENCAPSULATION MARKET BY REGION  
2017-2025 (\$MILLIONS)

## **FIGURE LIST**

FIGURE 1 NORTH AMERICA FOOD ENCAPSULATION MARKET BY COMPONENTS  
2017-2025 (\$ MILLION)

FIGURE 2 NORTH AMERICA FOOD ENCAPSULATION TECHNOLOGY MARKET BY  
GEOGRAPHY 2017-2025 (\$ MILLION)

FIGURE 3 NORTH AMERICA MATRIX POLYMERIZATION MARKET 2017-2025  
(\$MILLIONS)

FIGURE 4 NORTH AMERICA INTERFACIAL POLYMERIZATION MARKET BY  
GEOGRAPHY 2017-2025 (\$MILLIONS)

FIGURE 5 NORTH AMERICA IN SITU POLYMERIZATION MARKET BY  
GEOGRAPHY 2017-2025 (\$MILLIONS)

FIGURE 6 NORTH AMERICA MICELLE MARKET 2017-2025 (\$MILLIONS)

FIGURE 7 NORTH AMERICA CONTROLLED PRECIPITATION MARKET BY  
GEOGRAPHY 2017-2025 (\$MILLIONS)

FIGURE 8 NORTH AMERICA LAYER BY LAYER DEPOSITION MARKET BY  
GEOGRAPHY 2017-2025 (\$MILLIONS)

FIGURE 9 NORTH AMERICA PHASE INVERSION MARKET BY GEOGRAPHY  
2017-2025 (\$MILLIONS)

FIGURE 10 NORTH AMERICA COACERVATION MARKET 2017-2025 (\$MILLIONS)

FIGURE 11 NORTH AMERICA INCLUSION COMPLEXATION MARKET 2017-2025  
(\$MILLIONS)

FIGURE 12 NORTH AMERICA SOLVENT EVAPORATION MARKET 2017-2025  
(\$MILLIONS)

FIGURE 13 NORTH AMERICA LIPOSOME ENCAPSULATION MARKET BY  
GEOGRAPHY 2017-2025 (\$MILLIONS)

FIGURE 14 NORTH AMERICA EXTRUSION MARKET 2017-2025 (\$MILLIONS)

FIGURE 15 NORTH AMERICA COCRYSTALLIZATION MARKET 2017-2025  
(\$MILLIONS)

FIGURE 16 NORTH AMERICA SPRAY COOLING MARKET 2007--2014 (\$MILLIONS)

FIGURE 17 NORTH AMERICA FAT SOLUBLE MARKET 2017-2025 (\$MILLIONS)

FIGURE 18 NORTH AMERICA VITAMIN A MARKET 2017-2025 (\$MILLIONS)

FIGURE 19 NORTH AMERICA VITAMIN K MARKET 2017-2025 (\$MILLIONS)

FIGURE 20 NORTH AMERICA VITAMIN E MARKET 2017-2025 (\$MILLIONS)

FIGURE 21 NORTH AMERICA PHOSPHOROUS MARKET (\$MILLIONS)  
FIGURE 22 NORTH AMERICA MAGNESIUM MARKET 2017-2025(\$MILLIONS)  
FIGURE 23 NORTH AMERICA IRON MARKET 2017-2025(\$MILLIONS)  
FIGURE 24 NORTH AMERICA PHOSPHATASE MARKET BY GEOGRAPHY  
2017-2025 (\$MILLIONS)  
FIGURE 25 NORTH AMERICA LIPASE MARKET BY GEOGRAPHY 2017-2025  
(\$MILLIONS)  
FIGURE 26 NORTH AMERICA LACTASE MARKET 2017-2025 (\$MILLIONS)  
FIGURE 27 NORTH AMERICA CITRIC ACID MARKET 2017-2025 (\$MILLIONS)  
FIGURE 28 NORTH AMERICA ADIPIC ACID MARKET 2017-2025 (\$MILLIONS)  
FIGURE 29 NORTH AMERICA FUMARIC ACID MARKET 2017-2025 (\$MILLIONS)  
FIGURE 30 NORTH AMERICA LACTIC ACID MARKET 2017-2025 (\$MILLIONS)  
FIGURE 31 NORTH AMERICA STREPTOCOCCUS THERMOPHILUS MARKET  
2017-2025 (\$MILLIONS)  
FIGURE 32 NORTH AMERICA LACTOBACILLI ACIDOPHILUS MARKET 2017-2025  
(\$MILLIONS)  
FIGURE 33 NORTH AMERICA LACTOBACILLI RHAMNOSUS MARKET BY  
GEOGRAPHY 2017-2025 (\$MILLIONS)  
FIGURE 34 NORTH AMERICA LACTOBACILLI BULGARIUS MARKET BY  
GEOGRAPHY 2017-2025 (\$MILLIONS)  
FIGURE 35 NORTH AMERICA LACTOBACILLI SALIVARIUS MARKET 2017-2025  
(\$MILLIONS)  
FIGURE 36 NORTH AMERICA LACTOBACILLI PLANTARUM MARKET 2017-2025  
(\$MILLIONS)  
FIGURE 37 NORTH AMERICA LACTOBACILLI CASEI MARKET 2017-2025  
(\$MILLIONS)  
FIGURE 38 NORTH AMERICA LACTOBACILLI SPOROGENES MARKET 2017-2025  
(\$MILLIONS)  
FIGURE 39 NORTH AMERICA BIFIDOBACTERIA BIFIDUM MARKET 2017-2025  
(\$MILLIONS)  
FIGURE 40 NORTH AMERICA BIFIDOBACTERIA LONGUM MARKET 2017-2025  
(\$MILLIONS)  
FIGURE 41 NORTH AMERICA BIFIDOBACTERIA INFANTIS MARKET 2017-2025  
(\$MILLIONS)  
FIGURE 42 NORTH AMERICA INULIN MARKET 2017-2025 (\$MILLIONS)  
FIGURE 43 NORTH AMERICA FRUCTOOLIGOSACCHARIDE MARKET 2017-2025  
(\$MILLIONS)  
FIGURE 44 NORTH AMERICA GALACTO OLIGOSACCHARIDE MARKET 2017-2025  
(\$MILLIONS)



FIGURE 45 NORTH AMERICA OTHER PREBIOTICS MARKET 2017-2025  
(\$MILLIONS)

FIGURE 46 NORTH AMERICA COLORS MARKET BY GEOGRAPHY 2017-2025  
(\$MILLIONS)

FIGURE 47 NORTH AMERICA OXIDATION MARKET 2017-2025 (\$MILLIONS)

FIGURE 48 NORTH AMERICA COLOR MASKING MARKET 2017-2025 (\$MILLIONS)

FIGURE 49 NORTH AMERICA FLAVOR STABILIZATION MARKET 2017-2025  
(\$MILLIONS)

FIGURE 50 NORTH AMERICA TASTE MASKING MARKET 2017-2025 (\$MILLIONS)

FIGURE 51 NORTH AMERICA BAKERY INDUSTRY MARKET 2017-2025  
(\$MILLIONS)

FIGURE 52 NORTH AMERICA PROCESSED MEAT MARKET 2017-2025  
(\$MILLIONS)

FIGURE 53 NORTH AMERICA CONFECTIONARY INDUSTRY MARKET 2017-2025  
(\$MILLIONS)

FIGURE 54 NORTH AMERICA CONVENIENCE FOODS MARKET 2017-2025  
(\$MILLIONS)

FIGURE 55 NORTH AMERICA FORTIFIED FOODS MARKET 2017-2025 (\$MILLIONS)

FIGURE 56 NORTH AMERICA FUNCTIONAL FOODS MARKET 2017-2025  
(\$MILLIONS)

FIGURE 57 UNITED STATES FOOD ENCAPSULATION MARKET 2017-2025  
(\$MILLIONS)

FIGURE 58 CANADA FOOD ENCAPSULATION MARKET 2017-2025 (\$MILLIONS)

## I would like to order

Product name: NORTH AMERICA FOOD ENCAPSULATION MARKET FORECAST 2017-2025

Product link: <https://marketpublishers.com/r/N40E6573FF1EN.html>

Price: US\$ 1,250.00 (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/N40E6573FF1EN.html>

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

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

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

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

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

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970