

Global Lipid Nanoparticle (LNP) Encapsulation Services Market 2026 by Company, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G0C4D6010249EN.html>

Date: March 2026

Pages: 126

Price: US\$ 3,480.00 (Single User License)

ID: G0C4D6010249EN

Abstracts

According to our (Global Info Research) latest study, the global Lipid Nanoparticle (LNP) Encapsulation Services market size was valued at US\$ 749 million in 2025 and is forecast to a readjusted size of US\$ 1492 million by 2032 with a CAGR of 10.3% during review period.

Lipid Nanoparticle (LNP) Encapsulation Services refer to professional technical services that use lipid-based nanoparticle carriers to wrap and protect active ingredients (such as nucleic acids, small-molecule drugs, proteins, and peptides), through precise formulation design, microfluidic mixing, and purification processes, to improve the solubility, stability, bioavailability, and targeting of active substances, reduce off-target effects and toxic side effects, and meet the research, development, and production needs of pharmaceutical, biotechnology, and related fields, while complying with relevant industry regulations and quality standards.

With the rapid development of nucleic acid drug industry (such as mRNA vaccines and gene therapy drugs), the increasing demand for targeted drug delivery systems in biopharmaceutical field, and the continuous expansion of LNP application scenarios (from pharmaceuticals to cosmetics and food), the demand for Lipid Nanoparticle (LNP) Encapsulation Services is growing rapidly, especially the strong demand for customized, large-scale, and regulatory-compliant encapsulation services from biopharmaceutical enterprises and research institutions; this brings broad business opportunities, such as expanding customized service capabilities for specific active ingredients, developing high-efficiency and low-cost encapsulation processes, extending service chain to post-encapsulation quality verification and technical support, and exploring emerging application fields, which can effectively meet market demand

and enhance service competitiveness.

This report is a detailed and comprehensive analysis for global Lipid Nanoparticle (LNP) Encapsulation Services market. Both quantitative and qualitative analyses are presented by company, by region & country, by Encapsulated Active Ingredient Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Lipid Nanoparticle (LNP) Encapsulation Services market size and forecasts, in consumption value (\$ Million), 2021-2032

Global Lipid Nanoparticle (LNP) Encapsulation Services market size and forecasts by region and country, in consumption value (\$ Million), 2021-2032

Global Lipid Nanoparticle (LNP) Encapsulation Services market size and forecasts, by Encapsulated Active Ingredient Type and by Application, in consumption value (\$ Million), 2021-2032

Global Lipid Nanoparticle (LNP) Encapsulation Services market shares of main players, in revenue (\$ Million), 2021-2026

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Lipid Nanoparticle (LNP) Encapsulation Services
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Lipid Nanoparticle (LNP) Encapsulation

Services market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Lonza, Merck, Thermo Fisher Scientific, CordenPharma, FUJIFILM Pharma, BioCina, Catalent, Evonik Health Care, Biomay, GenScript, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market segmentation

Lipid Nanoparticle (LNP) Encapsulation Services market is split by Encapsulated Active Ingredient Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for Consumption Value by Encapsulated Active Ingredient Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Encapsulated Active Ingredient Type

Nucleic Acid Encapsulation Service

Small-Molecule Drug Encapsulation Service

Protein And Peptide Encapsulation Service

Market segment by Service Scale

Laboratory-Scale Encapsulation Service

Pilot-Scale Encapsulation Service

Industrial-Scale Encapsulation Service

Market segment by Service Customization Degree

Standard Encapsulation Service

Semi-Customized Encapsulation Service

Fully Customized Encapsulation Service

Market segment by Application

Biopharmaceutical

Cosmetic and Personal Care

Others

Market segment by players, this report covers

Lonza

Merck

Thermo Fisher Scientific

CordenPharma

FUJIFILM Pharma

BioCina

Catalent

Evonik Health Care

Biomay

GenScript

GENEWIZ

Fluidiclab

Perfect mRNA

Synbio Technologies

Geneseed Biotech

Micro&Nano

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Lipid Nanoparticle (LNP) Encapsulation Services product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Lipid Nanoparticle (LNP) Encapsulation Services, with revenue, gross margin, and global market share of Lipid Nanoparticle (LNP) Encapsulation Services from 2021 to 2026.

Chapter 3, the Lipid Nanoparticle (LNP) Encapsulation Services competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Encapsulated Active Ingredient Type and by Application, with consumption value and growth rate by Encapsulated Active Ingredient Type, by Application, from 2021 to 2032.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2021 to 2026. and Lipid Nanoparticle (LNP) Encapsulation Services market forecast, by regions, by Encapsulated Active Ingredient Type and by Application, with consumption value, from 2027 to 2032.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Lipid Nanoparticle (LNP) Encapsulation Services.

Chapter 13, to describe Lipid Nanoparticle (LNP) Encapsulation Services research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Classification of Lipid Nanoparticle (LNP) Encapsulation Services by Encapsulated Active Ingredient Type

1.3.1 Overview: Global Lipid Nanoparticle (LNP) Encapsulation Services Market Size by Encapsulated Active Ingredient Type: 2021 Versus 2025 Versus 2032

1.3.2 Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Market Share by Encapsulated Active Ingredient Type in 2025

1.3.3 Nucleic Acid Encapsulation Service

1.3.4 Small-Molecule Drug Encapsulation Service

1.3.5 Protein And Peptide Encapsulation Service

1.4 Classification of Lipid Nanoparticle (LNP) Encapsulation Services by Service Scale

1.4.1 Overview: Global Lipid Nanoparticle (LNP) Encapsulation Services Market Size by Service Scale: 2021 Versus 2025 Versus 2032

1.4.2 Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Market Share by Service Scale in 2025

1.4.3 Laboratory-Scale Encapsulation Service

1.4.4 Pilot-Scale Encapsulation Service

1.4.5 Industrial-Scale Encapsulation Service

1.5 Classification of Lipid Nanoparticle (LNP) Encapsulation Services by Service Customization Degree

1.5.1 Overview: Global Lipid Nanoparticle (LNP) Encapsulation Services Market Size by Service Customization Degree: 2021 Versus 2025 Versus 2032

1.5.2 Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Market Share by Service Customization Degree in 2025

1.5.3 Standard Encapsulation Service

1.5.4 Semi-Customized Encapsulation Service

1.5.5 Fully Customized Encapsulation Service

1.6 Global Lipid Nanoparticle (LNP) Encapsulation Services Market by Application

1.6.1 Overview: Global Lipid Nanoparticle (LNP) Encapsulation Services Market Size by Application: 2021 Versus 2025 Versus 2032

1.6.2 Biopharmaceutical

1.6.3 Cosmetic and Personal Care

1.6.4 Others

1.7 Global Lipid Nanoparticle (LNP) Encapsulation Services Market Size & Forecast

1.8 Global Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Forecast by Region

1.8.1 Global Lipid Nanoparticle (LNP) Encapsulation Services Market Size by Region: 2021 VS 2025 VS 2032

1.8.2 Global Lipid Nanoparticle (LNP) Encapsulation Services Market Size by Region, (2021-2032)

1.8.3 North America Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Prospect (2021-2032)

1.8.4 Europe Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Prospect (2021-2032)

1.8.5 Asia-Pacific Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Prospect (2021-2032)

1.8.6 South America Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Prospect (2021-2032)

1.8.7 Middle East & Africa Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Prospect (2021-2032)

2 COMPANY PROFILES

2.1 Lonza

2.1.1 Lonza Details

2.1.2 Lonza Major Business

2.1.3 Lonza Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

2.1.4 Lonza Lipid Nanoparticle (LNP) Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 Lonza Recent Developments and Future Plans

2.2 Merck

2.2.1 Merck Details

2.2.2 Merck Major Business

2.2.3 Merck Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

2.2.4 Merck Lipid Nanoparticle (LNP) Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)

2.2.5 Merck Recent Developments and Future Plans

2.3 Thermo Fisher Scientific

2.3.1 Thermo Fisher Scientific Details

2.3.2 Thermo Fisher Scientific Major Business

2.3.3 Thermo Fisher Scientific Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

2.3.4 Thermo Fisher Scientific Lipid Nanoparticle (LNP) Encapsulation Services

Revenue, Gross Margin and Market Share (2021-2026)

2.3.5 Thermo Fisher Scientific Recent Developments and Future Plans

2.4 CordenPharma

2.4.1 CordenPharma Details

2.4.2 CordenPharma Major Business

2.4.3 CordenPharma Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

2.4.4 CordenPharma Lipid Nanoparticle (LNP) Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)

2.4.5 CordenPharma Recent Developments and Future Plans

2.5 FUJIFILM Pharma

2.5.1 FUJIFILM Pharma Details

2.5.2 FUJIFILM Pharma Major Business

2.5.3 FUJIFILM Pharma Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

2.5.4 FUJIFILM Pharma Lipid Nanoparticle (LNP) Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)

2.5.5 FUJIFILM Pharma Recent Developments and Future Plans

2.6 BioCina

2.6.1 BioCina Details

2.6.2 BioCina Major Business

2.6.3 BioCina Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

2.6.4 BioCina Lipid Nanoparticle (LNP) Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 BioCina Recent Developments and Future Plans

2.7 Catalent

2.7.1 Catalent Details

2.7.2 Catalent Major Business

2.7.3 Catalent Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

2.7.4 Catalent Lipid Nanoparticle (LNP) Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 Catalent Recent Developments and Future Plans

2.8 Evonik Health Care

2.8.1 Evonik Health Care Details

2.8.2 Evonik Health Care Major Business

2.8.3 Evonik Health Care Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

2.8.4 Evonik Health Care Lipid Nanoparticle (LNP) Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 Evonik Health Care Recent Developments and Future Plans

2.9 Biomay

2.9.1 Biomay Details

2.9.2 Biomay Major Business

2.9.3 Biomay Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

2.9.4 Biomay Lipid Nanoparticle (LNP) Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 Biomay Recent Developments and Future Plans

2.10 GenScript

2.10.1 GenScript Details

2.10.2 GenScript Major Business

2.10.3 GenScript Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

2.10.4 GenScript Lipid Nanoparticle (LNP) Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)

2.10.5 GenScript Recent Developments and Future Plans

2.11 GENEWIZ

2.11.1 GENEWIZ Details

2.11.2 GENEWIZ Major Business

2.11.3 GENEWIZ Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

2.11.4 GENEWIZ Lipid Nanoparticle (LNP) Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)

2.11.5 GENEWIZ Recent Developments and Future Plans

2.12 Fluidiclab

2.12.1 Fluidiclab Details

2.12.2 Fluidiclab Major Business

2.12.3 Fluidiclab Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

2.12.4 Fluidiclab Lipid Nanoparticle (LNP) Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)

2.12.5 Fluidiclab Recent Developments and Future Plans

2.13 Perfect mRNA

2.13.1 Perfect mRNA Details

2.13.2 Perfect mRNA Major Business

2.13.3 Perfect mRNA Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

2.13.4 Perfect mRNA Lipid Nanoparticle (LNP) Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)

- 2.13.5 Perfect mRNA Recent Developments and Future Plans
- 2.14 Synbio Technologies
 - 2.14.1 Synbio Technologies Details
 - 2.14.2 Synbio Technologies Major Business
 - 2.14.3 Synbio Technologies Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions
 - 2.14.4 Synbio Technologies Lipid Nanoparticle (LNP) Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)
 - 2.14.5 Synbio Technologies Recent Developments and Future Plans
- 2.15 Geneseed Biotech
 - 2.15.1 Geneseed Biotech Details
 - 2.15.2 Geneseed Biotech Major Business
 - 2.15.3 Geneseed Biotech Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions
 - 2.15.4 Geneseed Biotech Lipid Nanoparticle (LNP) Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)
 - 2.15.5 Geneseed Biotech Recent Developments and Future Plans
- 2.16 Micro&Nano
 - 2.16.1 Micro&Nano Details
 - 2.16.2 Micro&Nano Major Business
 - 2.16.3 Micro&Nano Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions
 - 2.16.4 Micro&Nano Lipid Nanoparticle (LNP) Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)
 - 2.16.5 Micro&Nano Recent Developments and Future Plans

3 MARKET COMPETITION, BY PLAYERS

- 3.1 Global Lipid Nanoparticle (LNP) Encapsulation Services Revenue and Share by Players (2021-2026)
- 3.2 Market Share Analysis (2025)
 - 3.2.1 Market Share of Lipid Nanoparticle (LNP) Encapsulation Services by Company Revenue
 - 3.2.2 Top 3 Lipid Nanoparticle (LNP) Encapsulation Services Players Market Share in 2025
 - 3.2.3 Top 6 Lipid Nanoparticle (LNP) Encapsulation Services Players Market Share in 2025
- 3.3 Lipid Nanoparticle (LNP) Encapsulation Services Market: Overall Company Footprint Analysis

- 3.3.1 Lipid Nanoparticle (LNP) Encapsulation Services Market: Region Footprint
- 3.3.2 Lipid Nanoparticle (LNP) Encapsulation Services Market: Company Product Type Footprint
- 3.3.3 Lipid Nanoparticle (LNP) Encapsulation Services Market: Company Product Application Footprint
- 3.4 New Market Entrants and Barriers to Market Entry
- 3.5 Mergers, Acquisition, Agreements, and Collaborations

4 MARKET SIZE SEGMENT BY ENCAPSULATED ACTIVE INGREDIENT TYPE

- 4.1 Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value and Market Share by Encapsulated Active Ingredient Type (2021-2026)
- 4.2 Global Lipid Nanoparticle (LNP) Encapsulation Services Market Forecast by Encapsulated Active Ingredient Type (2027-2032)

5 MARKET SIZE SEGMENT BY APPLICATION

- 5.1 Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Market Share by Application (2021-2026)
- 5.2 Global Lipid Nanoparticle (LNP) Encapsulation Services Market Forecast by Application (2027-2032)

6 NORTH AMERICA

- 6.1 North America Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Encapsulated Active Ingredient Type (2021-2032)
- 6.2 North America Lipid Nanoparticle (LNP) Encapsulation Services Market Size by Application (2021-2032)
- 6.3 North America Lipid Nanoparticle (LNP) Encapsulation Services Market Size by Country
 - 6.3.1 North America Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Country (2021-2032)
 - 6.3.2 United States Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Forecast (2021-2032)
 - 6.3.3 Canada Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Forecast (2021-2032)
 - 6.3.4 Mexico Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Forecast (2021-2032)

7 EUROPE

7.1 Europe Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Encapsulated Active Ingredient Type (2021-2032)

7.2 Europe Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Application (2021-2032)

7.3 Europe Lipid Nanoparticle (LNP) Encapsulation Services Market Size by Country

7.3.1 Europe Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Country (2021-2032)

7.3.2 Germany Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Forecast (2021-2032)

7.3.3 France Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Forecast (2021-2032)

7.3.4 United Kingdom Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Forecast (2021-2032)

7.3.5 Russia Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Forecast (2021-2032)

7.3.6 Italy Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Forecast (2021-2032)

8 ASIA-PACIFIC

8.1 Asia-Pacific Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Encapsulated Active Ingredient Type (2021-2032)

8.2 Asia-Pacific Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Application (2021-2032)

8.3 Asia-Pacific Lipid Nanoparticle (LNP) Encapsulation Services Market Size by Region

8.3.1 Asia-Pacific Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Region (2021-2032)

8.3.2 China Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Forecast (2021-2032)

8.3.3 Japan Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Forecast (2021-2032)

8.3.4 South Korea Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Forecast (2021-2032)

8.3.5 India Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Forecast (2021-2032)

8.3.6 Southeast Asia Lipid Nanoparticle (LNP) Encapsulation Services Market Size

and Forecast (2021-2032)

8.3.7 Australia Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Forecast (2021-2032)

9 SOUTH AMERICA

9.1 South America Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Encapsulated Active Ingredient Type (2021-2032)

9.2 South America Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Application (2021-2032)

9.3 South America Lipid Nanoparticle (LNP) Encapsulation Services Market Size by Country

9.3.1 South America Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Country (2021-2032)

9.3.2 Brazil Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Forecast (2021-2032)

9.3.3 Argentina Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Forecast (2021-2032)

10 MIDDLE EAST & AFRICA

10.1 Middle East & Africa Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Encapsulated Active Ingredient Type (2021-2032)

10.2 Middle East & Africa Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Application (2021-2032)

10.3 Middle East & Africa Lipid Nanoparticle (LNP) Encapsulation Services Market Size by Country

10.3.1 Middle East & Africa Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Country (2021-2032)

10.3.2 Turkey Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Forecast (2021-2032)

10.3.3 Saudi Arabia Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Forecast (2021-2032)

10.3.4 UAE Lipid Nanoparticle (LNP) Encapsulation Services Market Size and Forecast (2021-2032)

11 MARKET DYNAMICS

11.1 Lipid Nanoparticle (LNP) Encapsulation Services Market Drivers

11.2 Lipid Nanoparticle (LNP) Encapsulation Services Market Restraints

11.3 Lipid Nanoparticle (LNP) Encapsulation Services Trends Analysis

11.4 Porters Five Forces Analysis

11.4.1 Threat of New Entrants

11.4.2 Bargaining Power of Suppliers

11.4.3 Bargaining Power of Buyers

11.4.4 Threat of Substitutes

11.4.5 Competitive Rivalry

12 INDUSTRY CHAIN ANALYSIS

12.1 Lipid Nanoparticle (LNP) Encapsulation Services Industry Chain

12.2 Lipid Nanoparticle (LNP) Encapsulation Services Upstream Analysis

12.3 Lipid Nanoparticle (LNP) Encapsulation Services Midstream Analysis

12.4 Lipid Nanoparticle (LNP) Encapsulation Services Downstream Analysis

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

14.1 Methodology

14.2 Research Process and Data Source

14.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Encapsulated Active Ingredient Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Service Scale, (USD Million), 2021 & 2025 & 2032

Table 3. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Service Customization Degree, (USD Million), 2021 & 2025 & 2032

Table 4. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Region (2021-2026) & (USD Million)

Table 6. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Region (2027-2032) & (USD Million)

Table 7. Lonza Company Information, Head Office, and Major Competitors

Table 8. Lonza Major Business

Table 9. Lonza Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

Table 10. Lonza Lipid Nanoparticle (LNP) Encapsulation Services Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 11. Lonza Recent Developments and Future Plans

Table 12. Merck Company Information, Head Office, and Major Competitors

Table 13. Merck Major Business

Table 14. Merck Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

Table 15. Merck Lipid Nanoparticle (LNP) Encapsulation Services Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 16. Merck Recent Developments and Future Plans

Table 17. Thermo Fisher Scientific Company Information, Head Office, and Major Competitors

Table 18. Thermo Fisher Scientific Major Business

Table 19. Thermo Fisher Scientific Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

Table 20. Thermo Fisher Scientific Lipid Nanoparticle (LNP) Encapsulation Services Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 21. CordenPharma Company Information, Head Office, and Major Competitors

Table 22. CordenPharma Major Business

Table 23. CordenPharma Lipid Nanoparticle (LNP) Encapsulation Services Product and

Solutions

Table 24. CordenPharma Lipid Nanoparticle (LNP) Encapsulation Services Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 25. CordenPharma Recent Developments and Future Plans

Table 26. FUJIFILM Pharma Company Information, Head Office, and Major Competitors

Table 27. FUJIFILM Pharma Major Business

Table 28. FUJIFILM Pharma Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

Table 29. FUJIFILM Pharma Lipid Nanoparticle (LNP) Encapsulation Services Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 30. FUJIFILM Pharma Recent Developments and Future Plans

Table 31. BioCina Company Information, Head Office, and Major Competitors

Table 32. BioCina Major Business

Table 33. BioCina Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

Table 34. BioCina Lipid Nanoparticle (LNP) Encapsulation Services Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 35. BioCina Recent Developments and Future Plans

Table 36. Catalent Company Information, Head Office, and Major Competitors

Table 37. Catalent Major Business

Table 38. Catalent Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

Table 39. Catalent Lipid Nanoparticle (LNP) Encapsulation Services Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 40. Catalent Recent Developments and Future Plans

Table 41. Evonik Health Care Company Information, Head Office, and Major Competitors

Table 42. Evonik Health Care Major Business

Table 43. Evonik Health Care Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

Table 44. Evonik Health Care Lipid Nanoparticle (LNP) Encapsulation Services Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 45. Evonik Health Care Recent Developments and Future Plans

Table 46. Biomay Company Information, Head Office, and Major Competitors

Table 47. Biomay Major Business

Table 48. Biomay Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

Table 49. Biomay Lipid Nanoparticle (LNP) Encapsulation Services Revenue (USD Million), Gross Margin and Market Share (2021-2026)

- Table 50. Biomay Recent Developments and Future Plans
- Table 51. GenScript Company Information, Head Office, and Major Competitors
- Table 52. GenScript Major Business
- Table 53. GenScript Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions
- Table 54. GenScript Lipid Nanoparticle (LNP) Encapsulation Services Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 55. GenScript Recent Developments and Future Plans
- Table 56. GENEWIZ Company Information, Head Office, and Major Competitors
- Table 57. GENEWIZ Major Business
- Table 58. GENEWIZ Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions
- Table 59. GENEWIZ Lipid Nanoparticle (LNP) Encapsulation Services Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 60. GENEWIZ Recent Developments and Future Plans
- Table 61. Fluidiclab Company Information, Head Office, and Major Competitors
- Table 62. Fluidiclab Major Business
- Table 63. Fluidiclab Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions
- Table 64. Fluidiclab Lipid Nanoparticle (LNP) Encapsulation Services Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 65. Fluidiclab Recent Developments and Future Plans
- Table 66. Perfect mRNA Company Information, Head Office, and Major Competitors
- Table 67. Perfect mRNA Major Business
- Table 68. Perfect mRNA Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions
- Table 69. Perfect mRNA Lipid Nanoparticle (LNP) Encapsulation Services Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 70. Perfect mRNA Recent Developments and Future Plans
- Table 71. Synbio Technologies Company Information, Head Office, and Major Competitors
- Table 72. Synbio Technologies Major Business
- Table 73. Synbio Technologies Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions
- Table 74. Synbio Technologies Lipid Nanoparticle (LNP) Encapsulation Services Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 75. Synbio Technologies Recent Developments and Future Plans
- Table 76. Geneseeed Biotech Company Information, Head Office, and Major Competitors

Table 77. Genesee Biotech Major Business

Table 78. Genesee Biotech Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

Table 79. Genesee Biotech Lipid Nanoparticle (LNP) Encapsulation Services Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 80. Genesee Biotech Recent Developments and Future Plans

Table 81. Micro&Nano Company Information, Head Office, and Major Competitors

Table 82. Micro&Nano Major Business

Table 83. Micro&Nano Lipid Nanoparticle (LNP) Encapsulation Services Product and Solutions

Table 84. Micro&Nano Lipid Nanoparticle (LNP) Encapsulation Services Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Micro&Nano Recent Developments and Future Plans

Table 86. Global Lipid Nanoparticle (LNP) Encapsulation Services Revenue (USD Million) by Players (2021-2026)

Table 87. Global Lipid Nanoparticle (LNP) Encapsulation Services Revenue Share by Players (2021-2026)

Table 88. Breakdown of Lipid Nanoparticle (LNP) Encapsulation Services by Company Type (Tier 1, Tier 2, and Tier 3)

Table 89. Market Position of Players in Lipid Nanoparticle (LNP) Encapsulation Services, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 90. Head Office of Key Lipid Nanoparticle (LNP) Encapsulation Services Players

Table 91. Lipid Nanoparticle (LNP) Encapsulation Services Market: Company Product Type Footprint

Table 92. Lipid Nanoparticle (LNP) Encapsulation Services Market: Company Product Application Footprint

Table 93. Lipid Nanoparticle (LNP) Encapsulation Services New Market Entrants and Barriers to Market Entry

Table 94. Lipid Nanoparticle (LNP) Encapsulation Services Mergers, Acquisition, Agreements, and Collaborations

Table 95. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (USD Million) by Encapsulated Active Ingredient Type (2021-2026)

Table 96. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Share by Encapsulated Active Ingredient Type (2021-2026)

Table 97. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Forecast by Encapsulated Active Ingredient Type (2027-2032)

Table 98. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Application (2021-2026)

Table 99. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value

Forecast by Application (2027-2032)

Table 100. North America Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Encapsulated Active Ingredient Type (2021-2026) & (USD Million)

Table 101. North America Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Encapsulated Active Ingredient Type (2027-2032) & (USD Million)

Table 102. North America Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Application (2021-2026) & (USD Million)

Table 103. North America Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Application (2027-2032) & (USD Million)

Table 104. North America Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Country (2021-2026) & (USD Million)

Table 105. North America Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Country (2027-2032) & (USD Million)

Table 106. Europe Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Encapsulated Active Ingredient Type (2021-2026) & (USD Million)

Table 107. Europe Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Encapsulated Active Ingredient Type (2027-2032) & (USD Million)

Table 108. Europe Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Application (2021-2026) & (USD Million)

Table 109. Europe Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Application (2027-2032) & (USD Million)

Table 110. Europe Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Country (2021-2026) & (USD Million)

Table 111. Europe Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Country (2027-2032) & (USD Million)

Table 112. Asia-Pacific Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Encapsulated Active Ingredient Type (2021-2026) & (USD Million)

Table 113. Asia-Pacific Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Encapsulated Active Ingredient Type (2027-2032) & (USD Million)

Table 114. Asia-Pacific Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Application (2021-2026) & (USD Million)

Table 115. Asia-Pacific Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Application (2027-2032) & (USD Million)

Table 116. Asia-Pacific Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Region (2021-2026) & (USD Million)

Table 117. Asia-Pacific Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Region (2027-2032) & (USD Million)

Table 118. South America Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Encapsulated Active Ingredient Type (2021-2026) & (USD Million)

Table 119. South America Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Encapsulated Active Ingredient Type (2027-2032) & (USD Million)

Table 120. South America Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Application (2021-2026) & (USD Million)

Table 121. South America Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Application (2027-2032) & (USD Million)

Table 122. South America Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Country (2021-2026) & (USD Million)

Table 123. South America Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Country (2027-2032) & (USD Million)

Table 124. Middle East & Africa Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Encapsulated Active Ingredient Type (2021-2026) & (USD Million)

Table 125. Middle East & Africa Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Encapsulated Active Ingredient Type (2027-2032) & (USD Million)

Table 126. Middle East & Africa Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Application (2021-2026) & (USD Million)

Table 127. Middle East & Africa Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Application (2027-2032) & (USD Million)

Table 128. Middle East & Africa Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Country (2021-2026) & (USD Million)

Table 129. Middle East & Africa Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Country (2027-2032) & (USD Million)

Table 130. Global Key Players of Lipid Nanoparticle (LNP) Encapsulation Services Upstream (Raw Materials)

Table 131. Global Lipid Nanoparticle (LNP) Encapsulation Services Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Lipid Nanoparticle (LNP) Encapsulation Services Picture
- Figure 2. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Encapsulated Active Ingredient Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Market Share by Encapsulated Active Ingredient Type in 2025
- Figure 4. Nucleic Acid Encapsulation Service
- Figure 5. Small-Molecule Drug Encapsulation Service
- Figure 6. Protein And Peptide Encapsulation Service
- Figure 7. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Service Scale, (USD Million), 2021 & 2025 & 2032
- Figure 8. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Market Share by Service Scale in 2025
- Figure 9. Laboratory-Scale Encapsulation Service
- Figure 10. Pilot-Scale Encapsulation Service
- Figure 11. Industrial-Scale Encapsulation Service
- Figure 12. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Service Customization Degree, (USD Million), 2021 & 2025 & 2032
- Figure 13. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Market Share by Service Customization Degree in 2025
- Figure 14. Standard Encapsulation Service
- Figure 15. Semi-Customized Encapsulation Service
- Figure 16. Fully Customized Encapsulation Service
- Figure 17. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 18. Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Market Share by Application in 2025
- Figure 19. Biopharmaceutical Picture
- Figure 20. Cosmetic and Personal Care Picture
- Figure 21. Others Picture
- Figure 22. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 23. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value and Forecast (2021-2032) & (USD Million)
- Figure 24. Global Market Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (USD Million) Comparison by Region (2021 VS 2025 VS 2032)

Figure 25. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Market Share by Region (2021-2032)

Figure 26. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Market Share by Region in 2025

Figure 27. North America Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 28. Europe Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 29. Asia-Pacific Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 30. South America Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 31. Middle East & Africa Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 32. Company Three Recent Developments and Future Plans

Figure 33. Global Lipid Nanoparticle (LNP) Encapsulation Services Revenue Share by Players in 2025

Figure 34. Lipid Nanoparticle (LNP) Encapsulation Services Market Share by Company Type (Tier 1, Tier 2, and Tier 3) in 2025

Figure 35. Market Share of Lipid Nanoparticle (LNP) Encapsulation Services by Player Revenue in 2025

Figure 36. Top 3 Lipid Nanoparticle (LNP) Encapsulation Services Players Market Share in 2025

Figure 37. Top 6 Lipid Nanoparticle (LNP) Encapsulation Services Players Market Share in 2025

Figure 38. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Share by Encapsulated Active Ingredient Type (2021-2026)

Figure 39. Global Lipid Nanoparticle (LNP) Encapsulation Services Market Share Forecast by Encapsulated Active Ingredient Type (2027-2032)

Figure 40. Global Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Share by Application (2021-2026)

Figure 41. Global Lipid Nanoparticle (LNP) Encapsulation Services Market Share Forecast by Application (2027-2032)

Figure 42. North America Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Market Share by Encapsulated Active Ingredient Type (2021-2032)

Figure 43. North America Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Market Share by Application (2021-2032)

Figure 44. North America Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Market Share by Country (2021-2032)

Figure 45. United States Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 46. Canada Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 47. Mexico Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 48. Europe Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Market Share by Encapsulated Active Ingredient Type (2021-2032)

Figure 49. Europe Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Market Share by Application (2021-2032)

Figure 50. Europe Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Market Share by Country (2021-2032)

Figure 51. Germany Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 52. France Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 53. United Kingdom Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 54. Russia Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 55. Italy Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 56. Asia-Pacific Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Market Share by Encapsulated Active Ingredient Type (2021-2032)

Figure 57. Asia-Pacific Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Market Share by Application (2021-2032)

Figure 58. Asia-Pacific Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Market Share by Region (2021-2032)

Figure 59. China Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 60. Japan Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 61. South Korea Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 62. India Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 63. Southeast Asia Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 64. Australia Lipid Nanoparticle (LNP) Encapsulation Services Consumption

Value (2021-2032) & (USD Million)

Figure 65. South America Lipid Nanoparticle (LNP) Encapsulation Services

Consumption Value Market Share by Encapsulated Active Ingredient Type (2021-2032)

Figure 66. South America Lipid Nanoparticle (LNP) Encapsulation Services

Consumption Value Market Share by Application (2021-2032)

Figure 67. South America Lipid Nanoparticle (LNP) Encapsulation Services

Consumption Value Market Share by Country (2021-2032)

Figure 68. Brazil Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 69. Argentina Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 70. Middle East & Africa Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value Market Share by Encapsulated Active Ingredient Type (2021-2032)

Figure 71. Middle East & Africa Lipid Nanoparticle (LNP) Encapsulation Services

Consumption Value Market Share by Application (2021-2032)

Figure 72. Middle East & Africa Lipid Nanoparticle (LNP) Encapsulation Services

Consumption Value Market Share by Country (2021-2032)

Figure 73. Turkey Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 74. Saudi Arabia Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 75. UAE Lipid Nanoparticle (LNP) Encapsulation Services Consumption Value (2021-2032) & (USD Million)

Figure 76. Lipid Nanoparticle (LNP) Encapsulation Services Market Drivers

Figure 77. Lipid Nanoparticle (LNP) Encapsulation Services Market Restraints

Figure 78. Lipid Nanoparticle (LNP) Encapsulation Services Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Lipid Nanoparticle (LNP) Encapsulation Services Industrial Chain

Figure 81. Methodology

Figure 82. Research Process and Data Source

I would like to order

Product name: Global Lipid Nanoparticle (LNP) Encapsulation Services Market 2026 by Company, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G0C4D6010249EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G0C4D6010249EN.html>