

# Global Lithium Nickel Cobalt Manganese Oxide Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G99DB30D9FEEN.html>

Date: January 2024

Pages: 132

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

ID: G99DB30D9FEEN

## Abstracts

According to our (Global Info Research) latest study, the global Lithium Nickel Cobalt Manganese Oxide market size was valued at USD 1585.6 million in 2023 and is forecast to a readjusted size of USD 1311.1 million by 2030 with a CAGR of -2.7% during review period.

Lithium nickel cobalt manganese Oxide short form: NMC (NCM, CMN, CNM, MNC, MCN similar with different metal combinations) is kind of anode materials, which is mainly used to manufacture energy cells or power cells. This materials combines the lithium cobalt oxide is known for its high specific energy but poor stability; lithium manganese oxide has the benefit of forming a spinel structure to achieve low internal resistance but offers a low specific energy. Lithium nickel cobalt manganese oxide combining the metals enhances each other strengths.

Global Lithium Nickel Cobalt Manganese Oxide key players include Umicore, NICHIA CORPORATION, Tanaka Chemical, L and F, 3M, etc. Global top five players hold a share about 35%.

China is the largest market, with a share about 35%, followed by South Korea and Japan, having a total share about 50 percent.

In terms of product, NMC111 is the largest segment, with a share about 45%. And in terms of application, the largest application is Battery materials for small mobile devices, followed by Battery materials for EV of Large-scale LIB.

The Global Info Research report includes an overview of the development of the Lithium

Nickel Cobalt Manganese Oxide industry chain, the market status of Notebook (NMC111, NMC532), Tablet PC (NMC111, NMC532), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Lithium Nickel Cobalt Manganese Oxide.

Regionally, the report analyzes the Lithium Nickel Cobalt Manganese Oxide markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Lithium Nickel Cobalt Manganese Oxide market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Lithium Nickel Cobalt Manganese Oxide market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Lithium Nickel Cobalt Manganese Oxide industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (MT), revenue generated, and market share of different by Type (e.g., NMC111, NMC532).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Lithium Nickel Cobalt Manganese Oxide market.

**Regional Analysis:** The report involves examining the Lithium Nickel Cobalt Manganese Oxide market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Lithium Nickel Cobalt Manganese Oxide market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Lithium Nickel Cobalt Manganese Oxide:

**Company Analysis:** Report covers individual Lithium Nickel Cobalt Manganese Oxide manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Lithium Nickel Cobalt Manganese Oxide. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Notebook, Tablet PC).

**Technology Analysis:** Report covers specific technologies relevant to Lithium Nickel Cobalt Manganese Oxide. It assesses the current state, advancements, and potential future developments in Lithium Nickel Cobalt Manganese Oxide areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Lithium Nickel Cobalt Manganese Oxide market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Lithium Nickel Cobalt Manganese Oxide market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

## Market segment by Type

NMC111

NMC532

NMC442

Others

#### Market segment by Application

Notebook

Tablet PC

Portable power

Electric tool

Electric bicycle

Others

#### Major players covered

Umicore

NICHIA CORPORATION

Tanaka Chemical

LandF

3M

TODA KOGYO CORP

BASF

AGC SEIMI CHEMICA

Shanshan Advanced Materials

Jinhe New materials

CEC

Xiamen Tungsten

Tianli

Easpring Material Technology

Kelong NewEnergy

Tianjiao Technology

Changyuan Lico

STL

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Lithium Nickel Cobalt Manganese Oxide product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Lithium Nickel Cobalt Manganese Oxide, with price, sales, revenue and global market share of Lithium Nickel Cobalt Manganese Oxide from 2019 to 2024.

Chapter 3, the Lithium Nickel Cobalt Manganese Oxide competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Lithium Nickel Cobalt Manganese Oxide breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Lithium Nickel Cobalt Manganese Oxide market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Lithium Nickel Cobalt Manganese Oxide.

Chapter 14 and 15, to describe Lithium Nickel Cobalt Manganese Oxide sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Lithium Nickel Cobalt Manganese Oxide
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global Lithium Nickel Cobalt Manganese Oxide Consumption Value by Type: 2019 Versus 2023 Versus 2030
  - 1.3.2 NMC111
  - 1.3.3 NMC532
  - 1.3.4 NMC442
  - 1.3.5 Others
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global Lithium Nickel Cobalt Manganese Oxide Consumption Value by Application: 2019 Versus 2023 Versus 2030
  - 1.4.2 Notebook
  - 1.4.3 Tablet PC
  - 1.4.4 Portable power
  - 1.4.5 Electric tool
  - 1.4.6 Electric bicycle
  - 1.4.7 Others
- 1.5 Global Lithium Nickel Cobalt Manganese Oxide Market Size & Forecast
  - 1.5.1 Global Lithium Nickel Cobalt Manganese Oxide Consumption Value (2019 & 2023 & 2030)
  - 1.5.2 Global Lithium Nickel Cobalt Manganese Oxide Sales Quantity (2019-2030)
  - 1.5.3 Global Lithium Nickel Cobalt Manganese Oxide Average Price (2019-2030)

### 2 MANUFACTURERS PROFILES

- 2.1 Umicore
  - 2.1.1 Umicore Details
  - 2.1.2 Umicore Major Business
  - 2.1.3 Umicore Lithium Nickel Cobalt Manganese Oxide Product and Services
  - 2.1.4 Umicore Lithium Nickel Cobalt Manganese Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.1.5 Umicore Recent Developments/Updates
- 2.2 NICHIA CORPORATION
  - 2.2.1 NICHIA CORPORATION Details

2.2.2 NICHIA CORPORATION Major Business

2.2.3 NICHIA CORPORATION Lithium Nickel Cobalt Manganese Oxide Product and Services

2.2.4 NICHIA CORPORATION Lithium Nickel Cobalt Manganese Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.2.5 NICHIA CORPORATION Recent Developments/Updates

2.3 Tanaka Chemical

2.3.1 Tanaka Chemical Details

2.3.2 Tanaka Chemical Major Business

2.3.3 Tanaka Chemical Lithium Nickel Cobalt Manganese Oxide Product and Services

2.3.4 Tanaka Chemical Lithium Nickel Cobalt Manganese Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.3.5 Tanaka Chemical Recent Developments/Updates

2.4 LandF

2.4.1 LandF Details

2.4.2 LandF Major Business

2.4.3 LandF Lithium Nickel Cobalt Manganese Oxide Product and Services

2.4.4 LandF Lithium Nickel Cobalt Manganese Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.4.5 LandF Recent Developments/Updates

2.5 3M

2.5.1 3M Details

2.5.2 3M Major Business

2.5.3 3M Lithium Nickel Cobalt Manganese Oxide Product and Services

2.5.4 3M Lithium Nickel Cobalt Manganese Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.5.5 3M Recent Developments/Updates

2.6 TODA KOGYO CORP

2.6.1 TODA KOGYO CORP Details

2.6.2 TODA KOGYO CORP Major Business

2.6.3 TODA KOGYO CORP Lithium Nickel Cobalt Manganese Oxide Product and Services

2.6.4 TODA KOGYO CORP Lithium Nickel Cobalt Manganese Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.6.5 TODA KOGYO CORP Recent Developments/Updates

2.7 BASF

2.7.1 BASF Details

2.7.2 BASF Major Business

2.7.3 BASF Lithium Nickel Cobalt Manganese Oxide Product and Services



2.7.4 BASF Lithium Nickel Cobalt Manganese Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.7.5 BASF Recent Developments/Updates

2.8 AGC SEIMI CHEMICA

2.8.1 AGC SEIMI CHEMICA Details

2.8.2 AGC SEIMI CHEMICA Major Business

2.8.3 AGC SEIMI CHEMICA Lithium Nickel Cobalt Manganese Oxide Product and Services

2.8.4 AGC SEIMI CHEMICA Lithium Nickel Cobalt Manganese Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.8.5 AGC SEIMI CHEMICA Recent Developments/Updates

2.9 Shanshan Advanced Materials

2.9.1 Shanshan Advanced Materials Details

2.9.2 Shanshan Advanced Materials Major Business

2.9.3 Shanshan Advanced Materials Lithium Nickel Cobalt Manganese Oxide Product and Services

2.9.4 Shanshan Advanced Materials Lithium Nickel Cobalt Manganese Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.9.5 Shanshan Advanced Materials Recent Developments/Updates

2.10 Jinhe New materials

2.10.1 Jinhe New materials Details

2.10.2 Jinhe New materials Major Business

2.10.3 Jinhe New materials Lithium Nickel Cobalt Manganese Oxide Product and Services

2.10.4 Jinhe New materials Lithium Nickel Cobalt Manganese Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.10.5 Jinhe New materials Recent Developments/Updates

2.11 CEC

2.11.1 CEC Details

2.11.2 CEC Major Business

2.11.3 CEC Lithium Nickel Cobalt Manganese Oxide Product and Services

2.11.4 CEC Lithium Nickel Cobalt Manganese Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.11.5 CEC Recent Developments/Updates

2.12 Xiamen Tungsten

2.12.1 Xiamen Tungsten Details

2.12.2 Xiamen Tungsten Major Business

2.12.3 Xiamen Tungsten Lithium Nickel Cobalt Manganese Oxide Product and Services

2.12.4 Xiamen Tungsten Lithium Nickel Cobalt Manganese Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.12.5 Xiamen Tungsten Recent Developments/Updates

2.13 Tianli

2.13.1 Tianli Details

2.13.2 Tianli Major Business

2.13.3 Tianli Lithium Nickel Cobalt Manganese Oxide Product and Services

2.13.4 Tianli Lithium Nickel Cobalt Manganese Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.13.5 Tianli Recent Developments/Updates

2.14 Easpring Material Technology

2.14.1 Easpring Material Technology Details

2.14.2 Easpring Material Technology Major Business

2.14.3 Easpring Material Technology Lithium Nickel Cobalt Manganese Oxide Product and Services

2.14.4 Easpring Material Technology Lithium Nickel Cobalt Manganese Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.14.5 Easpring Material Technology Recent Developments/Updates

2.15 Kelong NewEnergy

2.15.1 Kelong NewEnergy Details

2.15.2 Kelong NewEnergy Major Business

2.15.3 Kelong NewEnergy Lithium Nickel Cobalt Manganese Oxide Product and Services

2.15.4 Kelong NewEnergy Lithium Nickel Cobalt Manganese Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.15.5 Kelong NewEnergy Recent Developments/Updates

2.16 Tianjiao Technology

2.16.1 Tianjiao Technology Details

2.16.2 Tianjiao Technology Major Business

2.16.3 Tianjiao Technology Lithium Nickel Cobalt Manganese Oxide Product and Services

2.16.4 Tianjiao Technology Lithium Nickel Cobalt Manganese Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.16.5 Tianjiao Technology Recent Developments/Updates

2.17 Changyuan Lico

2.17.1 Changyuan Lico Details

2.17.2 Changyuan Lico Major Business

2.17.3 Changyuan Lico Lithium Nickel Cobalt Manganese Oxide Product and Services

2.17.4 Changyuan Lico Lithium Nickel Cobalt Manganese Oxide Sales Quantity,

Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.17.5 Changyuan Lico Recent Developments/Updates

2.18 STL

2.18.1 STL Details

2.18.2 STL Major Business

2.18.3 STL Lithium Nickel Cobalt Manganese Oxide Product and Services

2.18.4 STL Lithium Nickel Cobalt Manganese Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.18.5 STL Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: LITHIUM NICKEL COBALT MANGANESE OXIDE BY MANUFACTURER**

3.1 Global Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Manufacturer (2019-2024)

3.2 Global Lithium Nickel Cobalt Manganese Oxide Revenue by Manufacturer (2019-2024)

3.3 Global Lithium Nickel Cobalt Manganese Oxide Average Price by Manufacturer (2019-2024)

3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of Lithium Nickel Cobalt Manganese Oxide by Manufacturer Revenue (\$MM) and Market Share (%): 2023

3.4.2 Top 3 Lithium Nickel Cobalt Manganese Oxide Manufacturer Market Share in 2023

3.4.2 Top 6 Lithium Nickel Cobalt Manganese Oxide Manufacturer Market Share in 2023

3.5 Lithium Nickel Cobalt Manganese Oxide Market: Overall Company Footprint Analysis

3.5.1 Lithium Nickel Cobalt Manganese Oxide Market: Region Footprint

3.5.2 Lithium Nickel Cobalt Manganese Oxide Market: Company Product Type Footprint

3.5.3 Lithium Nickel Cobalt Manganese Oxide Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

4.1 Global Lithium Nickel Cobalt Manganese Oxide Market Size by Region

4.1.1 Global Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Region (2019-2030)

4.1.2 Global Lithium Nickel Cobalt Manganese Oxide Consumption Value by Region (2019-2030)

4.1.3 Global Lithium Nickel Cobalt Manganese Oxide Average Price by Region (2019-2030)

4.2 North America Lithium Nickel Cobalt Manganese Oxide Consumption Value (2019-2030)

4.3 Europe Lithium Nickel Cobalt Manganese Oxide Consumption Value (2019-2030)

4.4 Asia-Pacific Lithium Nickel Cobalt Manganese Oxide Consumption Value (2019-2030)

4.5 South America Lithium Nickel Cobalt Manganese Oxide Consumption Value (2019-2030)

4.6 Middle East and Africa Lithium Nickel Cobalt Manganese Oxide Consumption Value (2019-2030)

## **5 MARKET SEGMENT BY TYPE**

5.1 Global Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Type (2019-2030)

5.2 Global Lithium Nickel Cobalt Manganese Oxide Consumption Value by Type (2019-2030)

5.3 Global Lithium Nickel Cobalt Manganese Oxide Average Price by Type (2019-2030)

## **6 MARKET SEGMENT BY APPLICATION**

6.1 Global Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Application (2019-2030)

6.2 Global Lithium Nickel Cobalt Manganese Oxide Consumption Value by Application (2019-2030)

6.3 Global Lithium Nickel Cobalt Manganese Oxide Average Price by Application (2019-2030)

## **7 NORTH AMERICA**

7.1 North America Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Type (2019-2030)

7.2 North America Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Application (2019-2030)

7.3 North America Lithium Nickel Cobalt Manganese Oxide Market Size by Country

7.3.1 North America Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Country (2019-2030)

7.3.2 North America Lithium Nickel Cobalt Manganese Oxide Consumption Value by Country (2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

## **8 EUROPE**

8.1 Europe Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Type (2019-2030)

8.2 Europe Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Application (2019-2030)

8.3 Europe Lithium Nickel Cobalt Manganese Oxide Market Size by Country

8.3.1 Europe Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Country (2019-2030)

8.3.2 Europe Lithium Nickel Cobalt Manganese Oxide Consumption Value by Country (2019-2030)

8.3.3 Germany Market Size and Forecast (2019-2030)

8.3.4 France Market Size and Forecast (2019-2030)

8.3.5 United Kingdom Market Size and Forecast (2019-2030)

8.3.6 Russia Market Size and Forecast (2019-2030)

8.3.7 Italy Market Size and Forecast (2019-2030)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific Lithium Nickel Cobalt Manganese Oxide Market Size by Region

9.3.1 Asia-Pacific Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Lithium Nickel Cobalt Manganese Oxide Consumption Value by Region (2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

- 9.3.6 India Market Size and Forecast (2019-2030)
- 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)
- 9.3.8 Australia Market Size and Forecast (2019-2030)

## **10 SOUTH AMERICA**

- 10.1 South America Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Type (2019-2030)
- 10.2 South America Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Application (2019-2030)
- 10.3 South America Lithium Nickel Cobalt Manganese Oxide Market Size by Country
  - 10.3.1 South America Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Country (2019-2030)
  - 10.3.2 South America Lithium Nickel Cobalt Manganese Oxide Consumption Value by Country (2019-2030)
  - 10.3.3 Brazil Market Size and Forecast (2019-2030)
  - 10.3.4 Argentina Market Size and Forecast (2019-2030)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa Lithium Nickel Cobalt Manganese Oxide Market Size by Country
  - 11.3.1 Middle East & Africa Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Country (2019-2030)
  - 11.3.2 Middle East & Africa Lithium Nickel Cobalt Manganese Oxide Consumption Value by Country (2019-2030)
  - 11.3.3 Turkey Market Size and Forecast (2019-2030)
  - 11.3.4 Egypt Market Size and Forecast (2019-2030)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)
  - 11.3.6 South Africa Market Size and Forecast (2019-2030)

## **12 MARKET DYNAMICS**

- 12.1 Lithium Nickel Cobalt Manganese Oxide Market Drivers
- 12.2 Lithium Nickel Cobalt Manganese Oxide Market Restraints



12.3 Lithium Nickel Cobalt Manganese Oxide Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of Lithium Nickel Cobalt Manganese Oxide and Key Manufacturers

13.2 Manufacturing Costs Percentage of Lithium Nickel Cobalt Manganese Oxide

13.3 Lithium Nickel Cobalt Manganese Oxide Production Process

13.4 Lithium Nickel Cobalt Manganese Oxide Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Lithium Nickel Cobalt Manganese Oxide Typical Distributors

14.3 Lithium Nickel Cobalt Manganese Oxide Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Lithium Nickel Cobalt Manganese Oxide Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Lithium Nickel Cobalt Manganese Oxide Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Umicore Basic Information, Manufacturing Base and Competitors

Table 4. Umicore Major Business

Table 5. Umicore Lithium Nickel Cobalt Manganese Oxide Product and Services

Table 6. Umicore Lithium Nickel Cobalt Manganese Oxide Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Umicore Recent Developments/Updates

Table 8. NICHIA CORPORATION Basic Information, Manufacturing Base and Competitors

Table 9. NICHIA CORPORATION Major Business

Table 10. NICHIA CORPORATION Lithium Nickel Cobalt Manganese Oxide Product and Services

Table 11. NICHIA CORPORATION Lithium Nickel Cobalt Manganese Oxide Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. NICHIA CORPORATION Recent Developments/Updates

Table 13. Tanaka Chemical Basic Information, Manufacturing Base and Competitors

Table 14. Tanaka Chemical Major Business

Table 15. Tanaka Chemical Lithium Nickel Cobalt Manganese Oxide Product and Services

Table 16. Tanaka Chemical Lithium Nickel Cobalt Manganese Oxide Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Tanaka Chemical Recent Developments/Updates

Table 18. LandF Basic Information, Manufacturing Base and Competitors

Table 19. LandF Major Business

Table 20. LandF Lithium Nickel Cobalt Manganese Oxide Product and Services

Table 21. LandF Lithium Nickel Cobalt Manganese Oxide Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. LandF Recent Developments/Updates

Table 23. 3M Basic Information, Manufacturing Base and Competitors



Table 24. 3M Major Business

Table 25. 3M Lithium Nickel Cobalt Manganese Oxide Product and Services

Table 26. 3M Lithium Nickel Cobalt Manganese Oxide Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. 3M Recent Developments/Updates

Table 28. TODA KOGYO CORP Basic Information, Manufacturing Base and Competitors

Table 29. TODA KOGYO CORP Major Business

Table 30. TODA KOGYO CORP Lithium Nickel Cobalt Manganese Oxide Product and Services

Table 31. TODA KOGYO CORP Lithium Nickel Cobalt Manganese Oxide Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. TODA KOGYO CORP Recent Developments/Updates

Table 33. BASF Basic Information, Manufacturing Base and Competitors

Table 34. BASF Major Business

Table 35. BASF Lithium Nickel Cobalt Manganese Oxide Product and Services

Table 36. BASF Lithium Nickel Cobalt Manganese Oxide Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. BASF Recent Developments/Updates

Table 38. AGC SEIMI CHEMICA Basic Information, Manufacturing Base and Competitors

Table 39. AGC SEIMI CHEMICA Major Business

Table 40. AGC SEIMI CHEMICA Lithium Nickel Cobalt Manganese Oxide Product and Services

Table 41. AGC SEIMI CHEMICA Lithium Nickel Cobalt Manganese Oxide Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. AGC SEIMI CHEMICA Recent Developments/Updates

Table 43. Shanshan Advanced Materials Basic Information, Manufacturing Base and Competitors

Table 44. Shanshan Advanced Materials Major Business

Table 45. Shanshan Advanced Materials Lithium Nickel Cobalt Manganese Oxide Product and Services

Table 46. Shanshan Advanced Materials Lithium Nickel Cobalt Manganese Oxide Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 47. Shanshan Advanced Materials Recent Developments/Updates

Table 48. Jinhe New materials Basic Information, Manufacturing Base and Competitors

Table 49. Jinhe New materials Major Business

Table 50. Jinhe New materials Lithium Nickel Cobalt Manganese Oxide Product and Services

Table 51. Jinhe New materials Lithium Nickel Cobalt Manganese Oxide Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 52. Jinhe New materials Recent Developments/Updates

Table 53. CEC Basic Information, Manufacturing Base and Competitors

Table 54. CEC Major Business

Table 55. CEC Lithium Nickel Cobalt Manganese Oxide Product and Services

Table 56. CEC Lithium Nickel Cobalt Manganese Oxide Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 57. CEC Recent Developments/Updates

Table 58. Xiamen Tungsten Basic Information, Manufacturing Base and Competitors

Table 59. Xiamen Tungsten Major Business

Table 60. Xiamen Tungsten Lithium Nickel Cobalt Manganese Oxide Product and Services

Table 61. Xiamen Tungsten Lithium Nickel Cobalt Manganese Oxide Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 62. Xiamen Tungsten Recent Developments/Updates

Table 63. Tianli Basic Information, Manufacturing Base and Competitors

Table 64. Tianli Major Business

Table 65. Tianli Lithium Nickel Cobalt Manganese Oxide Product and Services

Table 66. Tianli Lithium Nickel Cobalt Manganese Oxide Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 67. Tianli Recent Developments/Updates

Table 68. Easpring Material Technology Basic Information, Manufacturing Base and Competitors

Table 69. Easpring Material Technology Major Business

Table 70. Easpring Material Technology Lithium Nickel Cobalt Manganese Oxide Product and Services

Table 71. Easpring Material Technology Lithium Nickel Cobalt Manganese Oxide Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 72. Easpring Material Technology Recent Developments/Updates

Table 73. Kelong NewEnergy Basic Information, Manufacturing Base and Competitors

Table 74. Kelong NewEnergy Major Business

Table 75. Kelong NewEnergy Lithium Nickel Cobalt Manganese Oxide Product and

## Services

Table 76. Kelong NewEnergy Lithium Nickel Cobalt Manganese Oxide Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 77. Kelong NewEnergy Recent Developments/Updates

Table 78. Tianjiao Technology Basic Information, Manufacturing Base and Competitors

Table 79. Tianjiao Technology Major Business

Table 80. Tianjiao Technology Lithium Nickel Cobalt Manganese Oxide Product and Services

Table 81. Tianjiao Technology Lithium Nickel Cobalt Manganese Oxide Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 82. Tianjiao Technology Recent Developments/Updates

Table 83. Changyuan Lico Basic Information, Manufacturing Base and Competitors

Table 84. Changyuan Lico Major Business

Table 85. Changyuan Lico Lithium Nickel Cobalt Manganese Oxide Product and Services

Table 86. Changyuan Lico Lithium Nickel Cobalt Manganese Oxide Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 87. Changyuan Lico Recent Developments/Updates

Table 88. STL Basic Information, Manufacturing Base and Competitors

Table 89. STL Major Business

Table 90. STL Lithium Nickel Cobalt Manganese Oxide Product and Services

Table 91. STL Lithium Nickel Cobalt Manganese Oxide Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 92. STL Recent Developments/Updates

Table 93. Global Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Manufacturer (2019-2024) & (MT)

Table 94. Global Lithium Nickel Cobalt Manganese Oxide Revenue by Manufacturer (2019-2024) & (USD Million)

Table 95. Global Lithium Nickel Cobalt Manganese Oxide Average Price by Manufacturer (2019-2024) & (USD/MT)

Table 96. Market Position of Manufacturers in Lithium Nickel Cobalt Manganese Oxide, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 97. Head Office and Lithium Nickel Cobalt Manganese Oxide Production Site of Key Manufacturer

Table 98. Lithium Nickel Cobalt Manganese Oxide Market: Company Product Type Footprint

Table 99. Lithium Nickel Cobalt Manganese Oxide Market: Company Product Application Footprint

Table 100. Lithium Nickel Cobalt Manganese Oxide New Market Entrants and Barriers to Market Entry

Table 101. Lithium Nickel Cobalt Manganese Oxide Mergers, Acquisition, Agreements, and Collaborations

Table 102. Global Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Region (2019-2024) & (MT)

Table 103. Global Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Region (2025-2030) & (MT)

Table 104. Global Lithium Nickel Cobalt Manganese Oxide Consumption Value by Region (2019-2024) & (USD Million)

Table 105. Global Lithium Nickel Cobalt Manganese Oxide Consumption Value by Region (2025-2030) & (USD Million)

Table 106. Global Lithium Nickel Cobalt Manganese Oxide Average Price by Region (2019-2024) & (USD/MT)

Table 107. Global Lithium Nickel Cobalt Manganese Oxide Average Price by Region (2025-2030) & (USD/MT)

Table 108. Global Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Type (2019-2024) & (MT)

Table 109. Global Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Type (2025-2030) & (MT)

Table 110. Global Lithium Nickel Cobalt Manganese Oxide Consumption Value by Type (2019-2024) & (USD Million)

Table 111. Global Lithium Nickel Cobalt Manganese Oxide Consumption Value by Type (2025-2030) & (USD Million)

Table 112. Global Lithium Nickel Cobalt Manganese Oxide Average Price by Type (2019-2024) & (USD/MT)

Table 113. Global Lithium Nickel Cobalt Manganese Oxide Average Price by Type (2025-2030) & (USD/MT)

Table 114. Global Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Application (2019-2024) & (MT)

Table 115. Global Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Application (2025-2030) & (MT)

Table 116. Global Lithium Nickel Cobalt Manganese Oxide Consumption Value by Application (2019-2024) & (USD Million)

Table 117. Global Lithium Nickel Cobalt Manganese Oxide Consumption Value by Application (2025-2030) & (USD Million)

Table 118. Global Lithium Nickel Cobalt Manganese Oxide Average Price by

Application (2019-2024) & (USD/MT)

Table 119. Global Lithium Nickel Cobalt Manganese Oxide Average Price by Application (2025-2030) & (USD/MT)

Table 120. North America Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Type (2019-2024) & (MT)

Table 121. North America Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Type (2025-2030) & (MT)

Table 122. North America Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Application (2019-2024) & (MT)

Table 123. North America Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Application (2025-2030) & (MT)

Table 124. North America Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Country (2019-2024) & (MT)

Table 125. North America Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Country (2025-2030) & (MT)

Table 126. North America Lithium Nickel Cobalt Manganese Oxide Consumption Value by Country (2019-2024) & (USD Million)

Table 127. North America Lithium Nickel Cobalt Manganese Oxide Consumption Value by Country (2025-2030) & (USD Million)

Table 128. Europe Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Type (2019-2024) & (MT)

Table 129. Europe Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Type (2025-2030) & (MT)

Table 130. Europe Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Application (2019-2024) & (MT)

Table 131. Europe Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Application (2025-2030) & (MT)

Table 132. Europe Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Country (2019-2024) & (MT)

Table 133. Europe Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Country (2025-2030) & (MT)

Table 134. Europe Lithium Nickel Cobalt Manganese Oxide Consumption Value by Country (2019-2024) & (USD Million)

Table 135. Europe Lithium Nickel Cobalt Manganese Oxide Consumption Value by Country (2025-2030) & (USD Million)

Table 136. Asia-Pacific Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Type (2019-2024) & (MT)

Table 137. Asia-Pacific Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Type (2025-2030) & (MT)



Table 138. Asia-Pacific Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Application (2019-2024) & (MT)

Table 139. Asia-Pacific Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Application (2025-2030) & (MT)

Table 140. Asia-Pacific Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Region (2019-2024) & (MT)

Table 141. Asia-Pacific Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Region (2025-2030) & (MT)

Table 142. Asia-Pacific Lithium Nickel Cobalt Manganese Oxide Consumption Value by Region (2019-2024) & (USD Million)

Table 143. Asia-Pacific Lithium Nickel Cobalt Manganese Oxide Consumption Value by Region (2025-2030) & (USD Million)

Table 144. South America Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Type (2019-2024) & (MT)

Table 145. South America Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Type (2025-2030) & (MT)

Table 146. South America Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Application (2019-2024) & (MT)

Table 147. South America Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Application (2025-2030) & (MT)

Table 148. South America Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Country (2019-2024) & (MT)

Table 149. South America Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Country (2025-2030) & (MT)

Table 150. South America Lithium Nickel Cobalt Manganese Oxide Consumption Value by Country (2019-2024) & (USD Million)

Table 151. South America Lithium Nickel Cobalt Manganese Oxide Consumption Value by Country (2025-2030) & (USD Million)

Table 152. Middle East & Africa Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Type (2019-2024) & (MT)

Table 153. Middle East & Africa Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Type (2025-2030) & (MT)

Table 154. Middle East & Africa Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Application (2019-2024) & (MT)

Table 155. Middle East & Africa Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Application (2025-2030) & (MT)

Table 156. Middle East & Africa Lithium Nickel Cobalt Manganese Oxide Sales Quantity by Region (2019-2024) & (MT)

Table 157. Middle East & Africa Lithium Nickel Cobalt Manganese Oxide Sales Quantity

by Region (2025-2030) & (MT)

Table 158. Middle East & Africa Lithium Nickel Cobalt Manganese Oxide Consumption Value by Region (2019-2024) & (USD Million)

Table 159. Middle East & Africa Lithium Nickel Cobalt Manganese Oxide Consumption Value by Region (2025-2030) & (USD Million)

Table 160. Lithium Nickel Cobalt Manganese Oxide Raw Material

Table 161. Key Manufacturers of Lithium Nickel Cobalt Manganese Oxide Raw Materials

Table 162. Lithium Nickel Cobalt Manganese Oxide Typical Distributors

Table 163. Lithium Nickel Cobalt Manganese Oxide Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. Lithium Nickel Cobalt Manganese Oxide Picture
- Figure 2. Global Lithium Nickel Cobalt Manganese Oxide Consumption Value by Type, (USD Million), 2019 & 2023 & 2030
- Figure 3. Global Lithium Nickel Cobalt Manganese Oxide Consumption Value Market Share by Type in 2023
- Figure 4. NMC111 Examples
- Figure 5. NMC532 Examples
- Figure 6. NMC442 Examples
- Figure 7. Others Examples
- Figure 8. Global Lithium Nickel Cobalt Manganese Oxide Consumption Value by Application, (USD Million), 2019 & 2023 & 2030
- Figure 9. Global Lithium Nickel Cobalt Manganese Oxide Consumption Value Market Share by Application in 2023
- Figure 10. Notebook Examples
- Figure 11. Tablet PC Examples
- Figure 12. Portable power Examples
- Figure 13. Electric tool Examples
- Figure 14. Electric bicycle Examples
- Figure 15. Others Examples
- Figure 16. Global Lithium Nickel Cobalt Manganese Oxide Consumption Value, (USD Million): 2019 & 2023 & 2030
- Figure 17. Global Lithium Nickel Cobalt Manganese Oxide Consumption Value and Forecast (2019-2030) & (USD Million)
- Figure 18. Global Lithium Nickel Cobalt Manganese Oxide Sales Quantity (2019-2030) & (MT)
- Figure 19. Global Lithium Nickel Cobalt Manganese Oxide Average Price (2019-2030) & (USD/MT)
- Figure 20. Global Lithium Nickel Cobalt Manganese Oxide Sales Quantity Market Share by Manufacturer in 2023
- Figure 21. Global Lithium Nickel Cobalt Manganese Oxide Consumption Value Market Share by Manufacturer in 2023
- Figure 22. Producer Shipments of Lithium Nickel Cobalt Manganese Oxide by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023
- Figure 23. Top 3 Lithium Nickel Cobalt Manganese Oxide Manufacturer (Consumption Value) Market Share in 2023



Figure 24. Top 6 Lithium Nickel Cobalt Manganese Oxide Manufacturer (Consumption Value) Market Share in 2023

Figure 25. Global Lithium Nickel Cobalt Manganese Oxide Sales Quantity Market Share by Region (2019-2030)

Figure 26. Global Lithium Nickel Cobalt Manganese Oxide Consumption Value Market Share by Region (2019-2030)

Figure 27. North America Lithium Nickel Cobalt Manganese Oxide Consumption Value (2019-2030) & (USD Million)

Figure 28. Europe Lithium Nickel Cobalt Manganese Oxide Consumption Value (2019-2030) & (USD Million)

Figure 29. Asia-Pacific Lithium Nickel Cobalt Manganese Oxide Consumption Value (2019-2030) & (USD Million)

Figure 30. South America Lithium Nickel Cobalt Manganese Oxide Consumption Value (2019-2030) & (USD Million)

Figure 31. Middle East & Africa Lithium Nickel Cobalt Manganese Oxide Consumption Value (2019-2030) & (USD Million)

Figure 32. Global Lithium Nickel Cobalt Manganese Oxide Sales Quantity Market Share by Type (2019-2030)

Figure 33. Global Lithium Nickel Cobalt Manganese Oxide Consumption Value Market Share by Type (2019-2030)

Figure 34. Global Lithium Nickel Cobalt Manganese Oxide Average Price by Type (2019-2030) & (USD/MT)

Figure 35. Global Lithium Nickel Cobalt Manganese Oxide Sales Quantity Market Share by Application (2019-2030)

Figure 36. Global Lithium Nickel Cobalt Manganese Oxide Consumption Value Market Share by Application (2019-2030)

Figure 37. Global Lithium Nickel Cobalt Manganese Oxide Average Price by Application (2019-2030) & (USD/MT)

Figure 38. North America Lithium Nickel Cobalt Manganese Oxide Sales Quantity Market Share by Type (2019-2030)

Figure 39. North America Lithium Nickel Cobalt Manganese Oxide Sales Quantity Market Share by Application (2019-2030)

Figure 40. North America Lithium Nickel Cobalt Manganese Oxide Sales Quantity Market Share by Country (2019-2030)

Figure 41. North America Lithium Nickel Cobalt Manganese Oxide Consumption Value Market Share by Country (2019-2030)

Figure 42. United States Lithium Nickel Cobalt Manganese Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 43. Canada Lithium Nickel Cobalt Manganese Oxide Consumption Value and

Growth Rate (2019-2030) & (USD Million)

Figure 44. Mexico Lithium Nickel Cobalt Manganese Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 45. Europe Lithium Nickel Cobalt Manganese Oxide Sales Quantity Market Share by Type (2019-2030)

Figure 46. Europe Lithium Nickel Cobalt Manganese Oxide Sales Quantity Market Share by Application (2019-2030)

Figure 47. Europe Lithium Nickel Cobalt Manganese Oxide Sales Quantity Market Share by Country (2019-2030)

Figure 48. Europe Lithium Nickel Cobalt Manganese Oxide Consumption Value Market Share by Country (2019-2030)

Figure 49. Germany Lithium Nickel Cobalt Manganese Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. France Lithium Nickel Cobalt Manganese Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 51. United Kingdom Lithium Nickel Cobalt Manganese Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 52. Russia Lithium Nickel Cobalt Manganese Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 53. Italy Lithium Nickel Cobalt Manganese Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 54. Asia-Pacific Lithium Nickel Cobalt Manganese Oxide Sales Quantity Market Share by Type (2019-2030)

Figure 55. Asia-Pacific Lithium Nickel Cobalt Manganese Oxide Sales Quantity Market Share by Application (2019-2030)

Figure 56. Asia-Pacific Lithium Nickel Cobalt Manganese Oxide Sales Quantity Market Share by Region (2019-2030)

Figure 57. Asia-Pacific Lithium Nickel Cobalt Manganese Oxide Consumption Value Market Share by Region (2019-2030)

Figure 58. China Lithium Nickel Cobalt Manganese Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. Japan Lithium Nickel Cobalt Manganese Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. Korea Lithium Nickel Cobalt Manganese Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. India Lithium Nickel Cobalt Manganese Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 62. Southeast Asia Lithium Nickel Cobalt Manganese Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 63. Australia Lithium Nickel Cobalt Manganese Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 64. South America Lithium Nickel Cobalt Manganese Oxide Sales Quantity Market Share by Type (2019-2030)

Figure 65. South America Lithium Nickel Cobalt Manganese Oxide Sales Quantity Market Share by Application (2019-2030)

Figure 66. South America Lithium Nickel Cobalt Manganese Oxide Sales Quantity Market Share by Country (2019-2030)

Figure 67. South America Lithium Nickel Cobalt Manganese Oxide Consumption Value Market Share by Country (2019-2030)

Figure 68. Brazil Lithium Nickel Cobalt Manganese Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 69. Argentina Lithium Nickel Cobalt Manganese Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 70. Middle East & Africa Lithium Nickel Cobalt Manganese Oxide Sales Quantity Market Share by Type (2019-2030)

Figure 71. Middle East & Africa Lithium Nickel Cobalt Manganese Oxide Sales Quantity Market Share by Application (2019-2030)

Figure 72. Middle East & Africa Lithium Nickel Cobalt Manganese Oxide Sales Quantity Market Share by Region (2019-2030)

Figure 73. Middle East & Africa Lithium Nickel Cobalt Manganese Oxide Consumption Value Market Share by Region (2019-2030)

Figure 74. Turkey Lithium Nickel Cobalt Manganese Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. Egypt Lithium Nickel Cobalt Manganese Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 76. Saudi Arabia Lithium Nickel Cobalt Manganese Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 77. South Africa Lithium Nickel Cobalt Manganese Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 78. Lithium Nickel Cobalt Manganese Oxide Market Drivers

Figure 79. Lithium Nickel Cobalt Manganese Oxide Market Restraints

Figure 80. Lithium Nickel Cobalt Manganese Oxide Market Trends

Figure 81. Porters Five Forces Analysis

Figure 82. Manufacturing Cost Structure Analysis of Lithium Nickel Cobalt Manganese Oxide in 2023

Figure 83. Manufacturing Process Analysis of Lithium Nickel Cobalt Manganese Oxide

Figure 84. Lithium Nickel Cobalt Manganese Oxide Industrial Chain

Figure 85. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 86. Direct Channel Pros & Cons

Figure 87. Indirect Channel Pros & Cons

Figure 88. Methodology

Figure 89. Research Process and Data Source

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