

Global Crystalline Nanocellulose Market Growth 2023-2029

<https://marketpublishers.com/r/G916016B6A45EN.html>

Date: March 2023

Pages: 104

Price: US\$ 3,660.00 (Single User License)

ID: G916016B6A45EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The global Crystalline Nanocellulose market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Crystalline Nanocellulose is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Crystalline Nanocellulose is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Crystalline Nanocellulose is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Crystalline Nanocellulose players cover Cellu Force, Fiber Lean, NIPPON PAPER INDUSTRIES CO., LTD., Kruger INC, Borregaard AS, CelluComp, Melodea Ltd, Blue Goose Refineries and GranBio Technologies, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

LPI (LP Information)' newest research report, the "Crystalline Nanocellulose Industry Forecast" looks at past sales and reviews total world Crystalline Nanocellulose sales in 2022, providing a comprehensive analysis by region and market sector of projected Crystalline Nanocellulose sales for 2023 through 2029. With Crystalline Nanocellulose sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Crystalline Nanocellulose industry.

This Insight Report provides a comprehensive analysis of the global Crystalline Nanocellulose landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Crystalline Nanocellulose portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Crystalline Nanocellulose market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Crystalline Nanocellulose and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Crystalline Nanocellulose.

This report presents a comprehensive overview, market shares, and growth opportunities of Crystalline Nanocellulose market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

CNF (NFC, MFC)

Bacterial Cellulose

CNC

Segmentation by application

Pulp & Paperboard

Composites

Pharmaceuticals & Biomedical

Electronics

Food & Beverages

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Cellu Force

Fiber Lean

NIPPON PAPER INDUSTRIES CO., LTD.

Kruger INC

Borregaard AS

CelluComp

Melodea Ltd

Blue Goose Refineries

GranBio Technologies

Stora Enso Biomaterials

Key Questions Addressed in this Report

What is the 10-year outlook for the global Crystalline Nanocellulose market?

What factors are driving Crystalline Nanocellulose market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Crystalline Nanocellulose market opportunities vary by end market size?

How does Crystalline Nanocellulose break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global Crystalline Nanocellulose Annual Sales 2018-2029
- 2.1.2 World Current & Future Analysis for Crystalline Nanocellulose by Geographic Region, 2018, 2022 & 2029
- 2.1.3 World Current & Future Analysis for Crystalline Nanocellulose by Country/Region, 2018, 2022 & 2029

2.2 Crystalline Nanocellulose Segment by Type

- 2.2.1 CNF (NFC, MFC)
- 2.2.2 Bacterial Cellulose
- 2.2.3 CNC

2.3 Crystalline Nanocellulose Sales by Type

- 2.3.1 Global Crystalline Nanocellulose Sales Market Share by Type (2018-2023)
- 2.3.2 Global Crystalline Nanocellulose Revenue and Market Share by Type (2018-2023)
- 2.3.3 Global Crystalline Nanocellulose Sale Price by Type (2018-2023)

2.4 Crystalline Nanocellulose Segment by Application

- 2.4.1 Pulp & Paperboard
- 2.4.2 Composites
- 2.4.3 Pharmaceuticals & Biomedical
- 2.4.4 Electronics
- 2.4.5 Food & Beverages
- 2.4.6 Others

2.5 Crystalline Nanocellulose Sales by Application

- 2.5.1 Global Crystalline Nanocellulose Sale Market Share by Application (2018-2023)

2.5.2 Global Crystalline Nanocellulose Revenue and Market Share by Application (2018-2023)

2.5.3 Global Crystalline Nanocellulose Sale Price by Application (2018-2023)

3 GLOBAL CRYSTALLINE NANOCELLULOSE BY COMPANY

3.1 Global Crystalline Nanocellulose Breakdown Data by Company

3.1.1 Global Crystalline Nanocellulose Annual Sales by Company (2018-2023)

3.1.2 Global Crystalline Nanocellulose Sales Market Share by Company (2018-2023)

3.2 Global Crystalline Nanocellulose Annual Revenue by Company (2018-2023)

3.2.1 Global Crystalline Nanocellulose Revenue by Company (2018-2023)

3.2.2 Global Crystalline Nanocellulose Revenue Market Share by Company (2018-2023)

3.3 Global Crystalline Nanocellulose Sale Price by Company

3.4 Key Manufacturers Crystalline Nanocellulose Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Crystalline Nanocellulose Product Location Distribution

3.4.2 Players Crystalline Nanocellulose Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR CRYSTALLINE NANOCELLULOSE BY GEOGRAPHIC REGION

4.1 World Historic Crystalline Nanocellulose Market Size by Geographic Region (2018-2023)

4.1.1 Global Crystalline Nanocellulose Annual Sales by Geographic Region (2018-2023)

4.1.2 Global Crystalline Nanocellulose Annual Revenue by Geographic Region (2018-2023)

4.2 World Historic Crystalline Nanocellulose Market Size by Country/Region (2018-2023)

4.2.1 Global Crystalline Nanocellulose Annual Sales by Country/Region (2018-2023)

4.2.2 Global Crystalline Nanocellulose Annual Revenue by Country/Region (2018-2023)

4.3 Americas Crystalline Nanocellulose Sales Growth

- 4.4 APAC Crystalline Nanocellulose Sales Growth
- 4.5 Europe Crystalline Nanocellulose Sales Growth
- 4.6 Middle East & Africa Crystalline Nanocellulose Sales Growth

5 AMERICAS

- 5.1 Americas Crystalline Nanocellulose Sales by Country
 - 5.1.1 Americas Crystalline Nanocellulose Sales by Country (2018-2023)
 - 5.1.2 Americas Crystalline Nanocellulose Revenue by Country (2018-2023)
- 5.2 Americas Crystalline Nanocellulose Sales by Type
- 5.3 Americas Crystalline Nanocellulose Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Crystalline Nanocellulose Sales by Region
 - 6.1.1 APAC Crystalline Nanocellulose Sales by Region (2018-2023)
 - 6.1.2 APAC Crystalline Nanocellulose Revenue by Region (2018-2023)
- 6.2 APAC Crystalline Nanocellulose Sales by Type
- 6.3 APAC Crystalline Nanocellulose Sales by Application
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Crystalline Nanocellulose by Country
 - 7.1.1 Europe Crystalline Nanocellulose Sales by Country (2018-2023)
 - 7.1.2 Europe Crystalline Nanocellulose Revenue by Country (2018-2023)
- 7.2 Europe Crystalline Nanocellulose Sales by Type
- 7.3 Europe Crystalline Nanocellulose Sales by Application
- 7.4 Germany

- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Crystalline Nanocellulose by Country
 - 8.1.1 Middle East & Africa Crystalline Nanocellulose Sales by Country (2018-2023)
 - 8.1.2 Middle East & Africa Crystalline Nanocellulose Revenue by Country (2018-2023)
- 8.2 Middle East & Africa Crystalline Nanocellulose Sales by Type
- 8.3 Middle East & Africa Crystalline Nanocellulose Sales by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Crystalline Nanocellulose
- 10.3 Manufacturing Process Analysis of Crystalline Nanocellulose
- 10.4 Industry Chain Structure of Crystalline Nanocellulose

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 Crystalline Nanocellulose Distributors
- 11.3 Crystalline Nanocellulose Customer

12 WORLD FORECAST REVIEW FOR CRYSTALLINE NANOCELLULOSE BY GEOGRAPHIC REGION

- 12.1 Global Crystalline Nanocellulose Market Size Forecast by Region
 - 12.1.1 Global Crystalline Nanocellulose Forecast by Region (2024-2029)
 - 12.1.2 Global Crystalline Nanocellulose Annual Revenue Forecast by Region (2024-2029)
- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Crystalline Nanocellulose Forecast by Type
- 12.7 Global Crystalline Nanocellulose Forecast by Application

13 KEY PLAYERS ANALYSIS

- 13.1 Cellu Force
 - 13.1.1 Cellu Force Company Information
 - 13.1.2 Cellu Force Crystalline Nanocellulose Product Portfolios and Specifications
 - 13.1.3 Cellu Force Crystalline Nanocellulose Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.1.4 Cellu Force Main Business Overview
 - 13.1.5 Cellu Force Latest Developments
- 13.2 Fiber Lean
 - 13.2.1 Fiber Lean Company Information
 - 13.2.2 Fiber Lean Crystalline Nanocellulose Product Portfolios and Specifications
 - 13.2.3 Fiber Lean Crystalline Nanocellulose Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.2.4 Fiber Lean Main Business Overview
 - 13.2.5 Fiber Lean Latest Developments
- 13.3 NIPPON PAPER INDUSTRIES CO., LTD.
 - 13.3.1 NIPPON PAPER INDUSTRIES CO., LTD. Company Information
 - 13.3.2 NIPPON PAPER INDUSTRIES CO., LTD. Crystalline Nanocellulose Product Portfolios and Specifications
 - 13.3.3 NIPPON PAPER INDUSTRIES CO., LTD. Crystalline Nanocellulose Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.3.4 NIPPON PAPER INDUSTRIES CO., LTD. Main Business Overview
 - 13.3.5 NIPPON PAPER INDUSTRIES CO., LTD. Latest Developments
- 13.4 Kruger INC

- 13.4.1 Kruger INC Company Information
- 13.4.2 Kruger INC Crystalline Nanocellulose Product Portfolios and Specifications
- 13.4.3 Kruger INC Crystalline Nanocellulose Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.4.4 Kruger INC Main Business Overview
- 13.4.5 Kruger INC Latest Developments
- 13.5 Borregaard AS
 - 13.5.1 Borregaard AS Company Information
 - 13.5.2 Borregaard AS Crystalline Nanocellulose Product Portfolios and Specifications
 - 13.5.3 Borregaard AS Crystalline Nanocellulose Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.5.4 Borregaard AS Main Business Overview
 - 13.5.5 Borregaard AS Latest Developments
- 13.6 CelluComp
 - 13.6.1 CelluComp Company Information
 - 13.6.2 CelluComp Crystalline Nanocellulose Product Portfolios and Specifications
 - 13.6.3 CelluComp Crystalline Nanocellulose Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.6.4 CelluComp Main Business Overview
 - 13.6.5 CelluComp Latest Developments
- 13.7 Melodea Ltd
 - 13.7.1 Melodea Ltd Company Information
 - 13.7.2 Melodea Ltd Crystalline Nanocellulose Product Portfolios and Specifications
 - 13.7.3 Melodea Ltd Crystalline Nanocellulose Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.7.4 Melodea Ltd Main Business Overview
 - 13.7.5 Melodea Ltd Latest Developments
- 13.8 Blue Goose Refineries
 - 13.8.1 Blue Goose Refineries Company Information
 - 13.8.2 Blue Goose Refineries Crystalline Nanocellulose Product Portfolios and Specifications
 - 13.8.3 Blue Goose Refineries Crystalline Nanocellulose Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.8.4 Blue Goose Refineries Main Business Overview
 - 13.8.5 Blue Goose Refineries Latest Developments
- 13.9 GranBio Technologies
 - 13.9.1 GranBio Technologies Company Information
 - 13.9.2 GranBio Technologies Crystalline Nanocellulose Product Portfolios and Specifications

13.9.3 GranBio Technologies Crystalline Nanocellulose Sales, Revenue, Price and Gross Margin (2018-2023)

13.9.4 GranBio Technologies Main Business Overview

13.9.5 GranBio Technologies Latest Developments

13.10 Stora Enso Biomaterials

13.10.1 Stora Enso Biomaterials Company Information

13.10.2 Stora Enso Biomaterials Crystalline Nanocellulose Product Portfolios and Specifications

13.10.3 Stora Enso Biomaterials Crystalline Nanocellulose Sales, Revenue, Price and Gross Margin (2018-2023)

13.10.4 Stora Enso Biomaterials Main Business Overview

13.10.5 Stora Enso Biomaterials Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Crystalline Nanocellulose Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. Crystalline Nanocellulose Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of CNF (NFC, MFC)

Table 4. Major Players of Bacterial Cellulose

Table 5. Major Players of CNC

Table 6. Global Crystalline Nanocellulose Sales by Type (2018-2023) & (Tons)

Table 7. Global Crystalline Nanocellulose Sales Market Share by Type (2018-2023)

Table 8. Global Crystalline Nanocellulose Revenue by Type (2018-2023) & (\$ million)

Table 9. Global Crystalline Nanocellulose Revenue Market Share by Type (2018-2023)

Table 10. Global Crystalline Nanocellulose Sale Price by Type (2018-2023) & (US\$/Ton)

Table 11. Global Crystalline Nanocellulose Sales by Application (2018-2023) & (Tons)

Table 12. Global Crystalline Nanocellulose Sales Market Share by Application (2018-2023)

Table 13. Global Crystalline Nanocellulose Revenue by Application (2018-2023)

Table 14. Global Crystalline Nanocellulose Revenue Market Share by Application (2018-2023)

Table 15. Global Crystalline Nanocellulose Sale Price by Application (2018-2023) & (US\$/Ton)

Table 16. Global Crystalline Nanocellulose Sales by Company (2018-2023) & (Tons)

Table 17. Global Crystalline Nanocellulose Sales Market Share by Company (2018-2023)

Table 18. Global Crystalline Nanocellulose Revenue by Company (2018-2023) (\$ Millions)

Table 19. Global Crystalline Nanocellulose Revenue Market Share by Company (2018-2023)

Table 20. Global Crystalline Nanocellulose Sale Price by Company (2018-2023) & (US\$/Ton)

Table 21. Key Manufacturers Crystalline Nanocellulose Producing Area Distribution and Sales Area

Table 22. Players Crystalline Nanocellulose Products Offered

Table 23. Crystalline Nanocellulose Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 24. New Products and Potential Entrants

Table 25. Mergers & Acquisitions, Expansion

Table 26. Global Crystalline Nanocellulose Sales by Geographic Region (2018-2023) & (Tons)

Table 27. Global Crystalline Nanocellulose Sales Market Share Geographic Region (2018-2023)

Table 28. Global Crystalline Nanocellulose Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 29. Global Crystalline Nanocellulose Revenue Market Share by Geographic Region (2018-2023)

Table 30. Global Crystalline Nanocellulose Sales by Country/Region (2018-2023) & (Tons)

Table 31. Global Crystalline Nanocellulose Sales Market Share by Country/Region (2018-2023)

Table 32. Global Crystalline Nanocellulose Revenue by Country/Region (2018-2023) & (\$ millions)

Table 33. Global Crystalline Nanocellulose Revenue Market Share by Country/Region (2018-2023)

Table 34. Americas Crystalline Nanocellulose Sales by Country (2018-2023) & (Tons)

Table 35. Americas Crystalline Nanocellulose Sales Market Share by Country (2018-2023)

Table 36. Americas Crystalline Nanocellulose Revenue by Country (2018-2023) & (\$ Millions)

Table 37. Americas Crystalline Nanocellulose Revenue Market Share by Country (2018-2023)

Table 38. Americas Crystalline Nanocellulose Sales by Type (2018-2023) & (Tons)

Table 39. Americas Crystalline Nanocellulose Sales by Application (2018-2023) & (Tons)

Table 40. APAC Crystalline Nanocellulose Sales by Region (2018-2023) & (Tons)

Table 41. APAC Crystalline Nanocellulose Sales Market Share by Region (2018-2023)

Table 42. APAC Crystalline Nanocellulose Revenue by Region (2018-2023) & (\$ Millions)

Table 43. APAC Crystalline Nanocellulose Revenue Market Share by Region (2018-2023)

Table 44. APAC Crystalline Nanocellulose Sales by Type (2018-2023) & (Tons)

Table 45. APAC Crystalline Nanocellulose Sales by Application (2018-2023) & (Tons)

Table 46. Europe Crystalline Nanocellulose Sales by Country (2018-2023) & (Tons)

Table 47. Europe Crystalline Nanocellulose Sales Market Share by Country (2018-2023)

Table 48. Europe Crystalline Nanocellulose Revenue by Country (2018-2023) & (\$ Millions)

Table 49. Europe Crystalline Nanocellulose Revenue Market Share by Country (2018-2023)

Table 50. Europe Crystalline Nanocellulose Sales by Type (2018-2023) & (Tons)

Table 51. Europe Crystalline Nanocellulose Sales by Application (2018-2023) & (Tons)

Table 52. Middle East & Africa Crystalline Nanocellulose Sales by Country (2018-2023) & (Tons)

Table 53. Middle East & Africa Crystalline Nanocellulose Sales Market Share by Country (2018-2023)

Table 54. Middle East & Africa Crystalline Nanocellulose Revenue by Country (2018-2023) & (\$ Millions)

Table 55. Middle East & Africa Crystalline Nanocellulose Revenue Market Share by Country (2018-2023)

Table 56. Middle East & Africa Crystalline Nanocellulose Sales by Type (2018-2023) & (Tons)

Table 57. Middle East & Africa Crystalline Nanocellulose Sales by Application (2018-2023) & (Tons)

Table 58. Key Market Drivers & Growth Opportunities of Crystalline Nanocellulose

Table 59. Key Market Challenges & Risks of Crystalline Nanocellulose

Table 60. Key Industry Trends of Crystalline Nanocellulose

Table 61. Crystalline Nanocellulose Raw Material

Table 62. Key Suppliers of Raw Materials

Table 63. Crystalline Nanocellulose Distributors List

Table 64. Crystalline Nanocellulose Customer List

Table 65. Global Crystalline Nanocellulose Sales Forecast by Region (2024-2029) & (Tons)

Table 66. Global Crystalline Nanocellulose Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 67. Americas Crystalline Nanocellulose Sales Forecast by Country (2024-2029) & (Tons)

Table 68. Americas Crystalline Nanocellulose Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 69. APAC Crystalline Nanocellulose Sales Forecast by Region (2024-2029) & (Tons)

Table 70. APAC Crystalline Nanocellulose Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 71. Europe Crystalline Nanocellulose Sales Forecast by Country (2024-2029) & (Tons)

Table 72. Europe Crystalline Nanocellulose Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 73. Middle East & Africa Crystalline Nanocellulose Sales Forecast by Country (2024-2029) & (Tons)

Table 74. Middle East & Africa Crystalline Nanocellulose Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 75. Global Crystalline Nanocellulose Sales Forecast by Type (2024-2029) & (Tons)

Table 76. Global Crystalline Nanocellulose Revenue Forecast by Type (2024-2029) & (\$ Millions)

Table 77. Global Crystalline Nanocellulose Sales Forecast by Application (2024-2029) & (Tons)

Table 78. Global Crystalline Nanocellulose Revenue Forecast by Application (2024-2029) & (\$ Millions)

Table 79. Cellu Force Basic Information, Crystalline Nanocellulose Manufacturing Base, Sales Area and Its Competitors

Table 80. Cellu Force Crystalline Nanocellulose Product Portfolios and Specifications

Table 81. Cellu Force Crystalline Nanocellulose Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 82. Cellu Force Main Business

Table 83. Cellu Force Latest Developments

Table 84. Fiber Lean Basic Information, Crystalline Nanocellulose Manufacturing Base, Sales Area and Its Competitors

Table 85. Fiber Lean Crystalline Nanocellulose Product Portfolios and Specifications

Table 86. Fiber Lean Crystalline Nanocellulose Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 87. Fiber Lean Main Business

Table 88. Fiber Lean Latest Developments

Table 89. NIPPON PAPER INDUSTRIES CO., LTD. Basic Information, Crystalline Nanocellulose Manufacturing Base, Sales Area and Its Competitors

Table 90. NIPPON PAPER INDUSTRIES CO., LTD. Crystalline Nanocellulose Product Portfolios and Specifications

Table 91. NIPPON PAPER INDUSTRIES CO., LTD. Crystalline Nanocellulose Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 92. NIPPON PAPER INDUSTRIES CO., LTD. Main Business

Table 93. NIPPON PAPER INDUSTRIES CO., LTD. Latest Developments

Table 94. Kruger INC Basic Information, Crystalline Nanocellulose Manufacturing Base, Sales Area and Its Competitors

Table 95. Kruger INC Crystalline Nanocellulose Product Portfolios and Specifications

Table 96. Kruger INC Crystalline Nanocellulose Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 97. Kruger INC Main Business

Table 98. Kruger INC Latest Developments

Table 99. Borregaard AS Basic Information, Crystalline Nanocellulose Manufacturing Base, Sales Area and Its Competitors

Table 100. Borregaard AS Crystalline Nanocellulose Product Portfolios and Specifications

Table 101. Borregaard AS Crystalline Nanocellulose Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 102. Borregaard AS Main Business

Table 103. Borregaard AS Latest Developments

Table 104. CelluComp Basic Information, Crystalline Nanocellulose Manufacturing Base, Sales Area and Its Competitors

Table 105. CelluComp Crystalline Nanocellulose Product Portfolios and Specifications

Table 106. CelluComp Crystalline Nanocellulose Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 107. CelluComp Main Business

Table 108. CelluComp Latest Developments

Table 109. Melodea Ltd Basic Information, Crystalline Nanocellulose Manufacturing Base, Sales Area and Its Competitors

Table 110. Melodea Ltd Crystalline Nanocellulose Product Portfolios and Specifications

Table 111. Melodea Ltd Crystalline Nanocellulose Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 112. Melodea Ltd Main Business

Table 113. Melodea Ltd Latest Developments

Table 114. Blue Goose Refineries Basic Information, Crystalline Nanocellulose Manufacturing Base, Sales Area and Its Competitors

Table 115. Blue Goose Refineries Crystalline Nanocellulose Product Portfolios and Specifications

Table 116. Blue Goose Refineries Crystalline Nanocellulose Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 117. Blue Goose Refineries Main Business

Table 118. Blue Goose Refineries Latest Developments

Table 119. GranBio Technologies Basic Information, Crystalline Nanocellulose Manufacturing Base, Sales Area and Its Competitors

Table 120. GranBio Technologies Crystalline Nanocellulose Product Portfolios and Specifications

Table 121. GranBio Technologies Crystalline Nanocellulose Sales (Tons), Revenue (\$

Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 122. GranBio Technologies Main Business

Table 123. GranBio Technologies Latest Developments

Table 124. Stora Enso Biomaterials Basic Information, Crystalline Nanocellulose Manufacturing Base, Sales Area and Its Competitors

Table 125. Stora Enso Biomaterials Crystalline Nanocellulose Product Portfolios and Specifications

Table 126. Stora Enso Biomaterials Crystalline Nanocellulose Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 127. Stora Enso Biomaterials Main Business

Table 128. Stora Enso Biomaterials Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Crystalline Nanocellulose
- Figure 2. Crystalline Nanocellulose Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Crystalline Nanocellulose Sales Growth Rate 2018-2029 (Tons)
- Figure 7. Global Crystalline Nanocellulose Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. Crystalline Nanocellulose Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of CNF (NFC, MFC)
- Figure 10. Product Picture of Bacterial Cellulose
- Figure 11. Product Picture of CNC
- Figure 12. Global Crystalline Nanocellulose Sales Market Share by Type in 2022
- Figure 13. Global Crystalline Nanocellulose Revenue Market Share by Type (2018-2023)
- Figure 14. Crystalline Nanocellulose Consumed in Pulp & Paperboard
- Figure 15. Global Crystalline Nanocellulose Market: Pulp & Paperboard (2018-2023) & (Tons)
- Figure 16. Crystalline Nanocellulose Consumed in Composites
- Figure 17. Global Crystalline Nanocellulose Market: Composites (2018-2023) & (Tons)
- Figure 18. Crystalline Nanocellulose Consumed in Pharmaceuticals & Biomedical
- Figure 19. Global Crystalline Nanocellulose Market: Pharmaceuticals & Biomedical (2018-2023) & (Tons)
- Figure 20. Crystalline Nanocellulose Consumed in Electronics
- Figure 21. Global Crystalline Nanocellulose Market: Electronics (2018-2023) & (Tons)
- Figure 22. Crystalline Nanocellulose Consumed in Food & Beverages
- Figure 23. Global Crystalline Nanocellulose Market: Food & Beverages (2018-2023) & (Tons)
- Figure 24. Crystalline Nanocellulose Consumed in Others
- Figure 25. Global Crystalline Nanocellulose Market: Others (2018-2023) & (Tons)
- Figure 26. Global Crystalline Nanocellulose Sales Market Share by Application (2022)
- Figure 27. Global Crystalline Nanocellulose Revenue Market Share by Application in 2022
- Figure 28. Crystalline Nanocellulose Sales Market by Company in 2022 (Tons)
- Figure 29. Global Crystalline Nanocellulose Sales Market Share by Company in 2022
- Figure 30. Crystalline Nanocellulose Revenue Market by Company in 2022 (\$ Million)

Figure 31. Global Crystalline Nanocellulose Revenue Market Share by Company in 2022

Figure 32. Global Crystalline Nanocellulose Sales Market Share by Geographic Region (2018-2023)

Figure 33. Global Crystalline Nanocellulose Revenue Market Share by Geographic Region in 2022

Figure 34. Americas Crystalline Nanocellulose Sales 2018-2023 (Tons)

Figure 35. Americas Crystalline Nanocellulose Revenue 2018-2023 (\$ Millions)

Figure 36. APAC Crystalline Nanocellulose Sales 2018-2023 (Tons)

Figure 37. APAC Crystalline Nanocellulose Revenue 2018-2023 (\$ Millions)

Figure 38. Europe Crystalline Nanocellulose Sales 2018-2023 (Tons)

Figure 39. Europe Crystalline Nanocellulose Revenue 2018-2023 (\$ Millions)

Figure 40. Middle East & Africa Crystalline Nanocellulose Sales 2018-2023 (Tons)

Figure 41. Middle East & Africa Crystalline Nanocellulose Revenue 2018-2023 (\$ Millions)

Figure 42. Americas Crystalline Nanocellulose Sales Market Share by Country in 2022

Figure 43. Americas Crystalline Nanocellulose Revenue Market Share by Country in 2022

Figure 44. Americas Crystalline Nanocellulose Sales Market Share by Type (2018-2023)

Figure 45. Americas Crystalline Nanocellulose Sales Market Share by Application (2018-2023)

Figure 46. United States Crystalline Nanocellulose Revenue Growth 2018-2023 (\$ Millions)

Figure 47. Canada Crystalline Nanocellulose Revenue Growth 2018-2023 (\$ Millions)

Figure 48. Mexico Crystalline Nanocellulose Revenue Growth 2018-2023 (\$ Millions)

Figure 49. Brazil Crystalline Nanocellulose Revenue Growth 2018-2023 (\$ Millions)

Figure 50. APAC Crystalline Nanocellulose Sales Market Share by Region in 2022

Figure 51. APAC Crystalline Nanocellulose Revenue Market Share by Regions in 2022

Figure 52. APAC Crystalline Nanocellulose Sales Market Share by Type (2018-2023)

Figure 53. APAC Crystalline Nanocellulose Sales Market Share by Application (2018-2023)

Figure 54. China Crystalline Nanocellulose Revenue Growth 2018-2023 (\$ Millions)

Figure 55. Japan Crystalline Nanocellulose Revenue Growth 2018-2023 (\$ Millions)

Figure 56. South Korea Crystalline Nanocellulose Revenue Growth 2018-2023 (\$ Millions)

Figure 57. Southeast Asia Crystalline Nanocellulose Revenue Growth 2018-2023 (\$ Millions)

Figure 58. India Crystalline Nanocellulose Revenue Growth 2018-2023 (\$ Millions)

- Figure 59. Australia Crystalline Nanocellulose Revenue Growth 2018-2023 (\$ Millions)
- Figure 60. China Taiwan Crystalline Nanocellulose Revenue Growth 2018-2023 (\$ Millions)
- Figure 61. Europe Crystalline Nanocellulose Sales Market Share by Country in 2022
- Figure 62. Europe Crystalline Nanocellulose Revenue Market Share by Country in 2022
- Figure 63. Europe Crystalline Nanocellulose Sales Market Share by Type (2018-2023)
- Figure 64. Europe Crystalline Nanocellulose Sales Market Share by Application (2018-2023)
- Figure 65. Germany Crystalline Nanocellulose Revenue Growth 2018-2023 (\$ Millions)
- Figure 66. France Crystalline Nanocellulose Revenue Growth 2018-2023 (\$ Millions)
- Figure 67. UK Crystalline Nanocellulose Revenue Growth 2018-2023 (\$ Millions)
- Figure 68. Italy Crystalline Nanocellulose Revenue Growth 2018-2023 (\$ Millions)
- Figure 69. Russia Crystalline Nanocellulose Revenue Growth 2018-2023 (\$ Millions)
- Figure 70. Middle East & Africa Crystalline Nanocellulose Sales Market Share by Country in 2022
- Figure 71. Middle East & Africa Crystalline Nanocellulose Revenue Market Share by Country in 2022
- Figure 72. Middle East & Africa Crystalline Nanocellulose Sales Market Share by Type (2018-2023)
- Figure 73. Middle East & Africa Crystalline Nanocellulose Sales Market Share by Application (2018-2023)
- Figure 74. Egypt Crystalline Nanocellulose Revenue Growth 2018-2023 (\$ Millions)
- Figure 75. South Africa Crystalline Nanocellulose Revenue Growth 2018-2023 (\$ Millions)
- Figure 76. Israel Crystalline Nanocellulose Revenue Growth 2018-2023 (\$ Millions)
- Figure 77. Turkey Crystalline Nanocellulose Revenue Growth 2018-2023 (\$ Millions)
- Figure 78. GCC Country Crystalline Nanocellulose Revenue Growth 2018-2023 (\$ Millions)
- Figure 79. Manufacturing Cost Structure Analysis of Crystalline Nanocellulose in 2022
- Figure 80. Manufacturing Process Analysis of Crystalline Nanocellulose
- Figure 81. Industry Chain Structure of Crystalline Nanocellulose
- Figure 82. Channels of Distribution
- Figure 83. Global Crystalline Nanocellulose Sales Market Forecast by Region (2024-2029)
- Figure 84. Global Crystalline Nanocellulose Revenue Market Share Forecast by Region (2024-2029)
- Figure 85. Global Crystalline Nanocellulose Sales Market Share Forecast by Type (2024-2029)
- Figure 86. Global Crystalline Nanocellulose Revenue Market Share Forecast by Type

(2024-2029)

Figure 87. Global Crystalline Nanocellulose Sales Market Share Forecast by Application

(2024-2029)

Figure 88. Global Crystalline Nanocellulose Revenue Market Share Forecast by

Application (2024-2029)

I would like to order

Product name: Global Crystalline Nanocellulose Market Growth 2023-2029

Product link: <https://marketpublishers.com/r/G916016B6A45EN.html>

Price: US\$ 3,660.00 (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/G916016B6A45EN.html>

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

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

****All fields are required**

Customer signature _____

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

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