

Global Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Supply, Demand and Key Producers, 2023-2029

https://marketpublishers.com/r/G258B702CC85EN.html

Date: February 2023

Pages: 114

Price: US\$ 4,480.00 (Single User License)

ID: G258B702CC85EN

Abstracts

The global Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

This report studies the global Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC), and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) total production and demand, 2018-2029, (Tons)

Global Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) total production value, 2018-2029, (USD Million)

Global Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)



Global Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) domestic production, consumption, key domestic manufacturers and share

Global Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Cellu Force, Fiber Lean, NIPPON PAPER INDUSTRIES CO., LTD., Kruger INC, Borregaard AS, CelluComp, Melodea Ltd, Blue Goose Refineries and GranBio Technologies, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Market, By



Region:
United States
China
Europe
Japan
South Korea
ASEAN
India
Rest of World
Global Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Market, Segmentation by Type
Cellulose Nanofiber (CNF)
Cellulose Nanocrystals (CNC)
Global Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Market, Segmentation by Application
Pharmaceuticals & Biomedical
Electronics
Food & Beverages
Others



Companies Profiled: 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 Answered** 1. How big is the global Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) market? 2. What is the demand of the global Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) market? 3. What is the year over year growth of the global Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) market?

5. Who are the key producers in the global Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) market?

4. What is the production and production value of the global Cellulose Nanofiber (CNF)

and Cellulose Nanocrystals (CNC) market?



6. What are the growth factors driving the market demand?



Contents

1 SUPPLY SUMMARY

- 1.1 Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Introduction
- 1.2 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Supply & Forecast
- 1.2.1 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Value (2018 & 2022 & 2029)
- 1.2.2 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production (2018-2029)
- 1.2.3 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Pricing Trends (2018-2029)
- 1.3 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production by Region (Based on Production Site)
- 1.3.1 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Value by Region (2018-2029)
- 1.3.2 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production by Region (2018-2029)
- 1.3.3 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Average Price by Region (2018-2029)
- 1.3.4 North America Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production (2018-2029)
- 1.3.5 Europe Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production (2018-2029)
- 1.3.6 China Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production (2018-2029)
- 1.3.7 Japan Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Market Drivers
 - 1.4.2 Factors Affecting Demand
- 1.4.3 Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY



- 2.1 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Demand (2018-2029)
- 2.2 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Consumption by Region
- 2.2.1 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Consumption by Region (2018-2023)
- 2.2.2 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Consumption Forecast by Region (2024-2029)
- 2.3 United States Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Consumption (2018-2029)
- 2.4 China Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Consumption (2018-2029)
- 2.5 Europe Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Consumption (2018-2029)
- 2.6 Japan Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Consumption (2018-2029)
- 2.7 South Korea Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Consumption (2018-2029)
- 2.8 ASEAN Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Consumption (2018-2029)
- 2.9 India Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Consumption (2018-2029)

3 WORLD CELLULOSE NANOFIBER (CNF) AND CELLULOSE NANOCRYSTALS (CNC) MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Value by Manufacturer (2018-2023)
- 3.2 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production by Manufacturer (2018-2023)
- 3.3 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Average Price by Manufacturer (2018-2023)
- 3.4 Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
- 3.5.1 Global Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Industry Rank of Major Manufacturers
- 3.5.2 Global Concentration Ratios (CR4) for Cellulose Nanofiber (CNF) and Cellulose



Nanocrystals (CNC) in 2022

- 3.5.3 Global Concentration Ratios (CR8) for Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) in 2022
- 3.6 Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Market: Overall Company Footprint Analysis
- 3.6.1 Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Market: Region Footprint
- 3.6.2 Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Market: Company Product Type Footprint
- 3.6.3 Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Value Comparison
- 4.1.1 United States VS China: Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Value Comparison (2018 & 2022 & 2029)
- 4.1.2 United States VS China: Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Comparison
- 4.2.1 United States VS China: Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Comparison (2018 & 2022 & 2029)
- 4.2.2 United States VS China: Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Consumption Comparison
- 4.3.1 United States VS China: Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Consumption Comparison (2018 & 2022 & 2029)
- 4.3.2 United States VS China: Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Consumption Market Share Comparison (2018 & 2022 & 2029)
- 4.4 United States Based Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)



Manufacturers and Market Share, 2018-2023

- 4.4.1 United States Based Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Manufacturers, Headquarters and Production Site (States, Country)
- 4.4.2 United States Based Manufacturers Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Value (2018-2023)
- 4.4.3 United States Based Manufacturers Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production (2018-2023)
- 4.5 China Based Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Manufacturers and Market Share
- 4.5.1 China Based Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Manufacturers, Headquarters and Production Site (Province, Country)
- 4.5.2 China Based Manufacturers Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Value (2018-2023)
- 4.5.3 China Based Manufacturers Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production (2018-2023)
- 4.6 Rest of World Based Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Manufacturers and Market Share, 2018-2023
- 4.6.1 Rest of World Based Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Manufacturers, Headquarters and Production Site (State, Country)
- 4.6.2 Rest of World Based Manufacturers Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Value (2018-2023)
- 4.6.3 Rest of World Based Manufacturers Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

- 5.1 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Market Size Overview by Type: 2018 VS 2022 VS 2029
- 5.2 Segment Introduction by Type
 - 5.2.1 Cellulose Nanofiber (CNF)
 - 5.2.2 Cellulose Nanocrystals (CNC)
- 5.3 Market Segment by Type
- 5.3.1 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production by Type (2018-2029)
- 5.3.2 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Value by Type (2018-2029)
- 5.3.3 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Average Price by Type (2018-2029)



6 MARKET ANALYSIS BY APPLICATION

- 6.1 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Market Size Overview by Application: 2018 VS 2022 VS 2029
- 6.2 Segment Introduction by Application
 - 6.2.1 Pharmaceuticals & Biomedical
 - 6.2.2 Electronics
 - 6.2.3 Food & Beverages
 - 6.2.4 Others
- 6.3 Market Segment by Application
- 6.3.1 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production by Application (2018-2029)
- 6.3.2 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Value by Application (2018-2029)
- 6.3.3 World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Average Price by Application (2018-2029)

7 COMPANY PROFILES

- 7.1 Cellu Force
 - 7.1.1 Cellu Force Details
 - 7.1.2 Cellu Force Major Business
 - 7.1.3 Cellu Force Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Product and Services

7.1.4 Cellu Force Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.1.5 Cellu Force Recent Developments/Updates
- 7.1.6 Cellu Force Competitive Strengths & Weaknesses
- 7.2 Fiber Lean
 - 7.2.1 Fiber Lean Details
 - 7.2.2 Fiber Lean Major Business
 - 7.2.3 Fiber Lean Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Product and Services

7.2.4 Fiber Lean Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.2.5 Fiber Lean Recent Developments/Updates
- 7.2.6 Fiber Lean Competitive Strengths & Weaknesses
- 7.3 NIPPON PAPER INDUSTRIES CO., LTD.
- 7.3.1 NIPPON PAPER INDUSTRIES CO., LTD. Details



- 7.3.2 NIPPON PAPER INDUSTRIES CO., LTD. Major Business
- 7.3.3 NIPPON PAPER INDUSTRIES CO., LTD. Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Product and Services
- 7.3.4 NIPPON PAPER INDUSTRIES CO., LTD. Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.3.5 NIPPON PAPER INDUSTRIES CO., LTD. Recent Developments/Updates
- 7.3.6 NIPPON PAPER INDUSTRIES CO., LTD. Competitive Strengths & Weaknesses
- 7.4 Kruger INC
 - 7.4.1 Kruger INC Details
 - 7.4.2 Kruger INC Major Business
- 7.4.3 Kruger INC Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)
- **Product and Services**
 - 7.4.4 Kruger INC Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.4.5 Kruger INC Recent Developments/Updates
- 7.4.6 Kruger INC Competitive Strengths & Weaknesses
- 7.5 Borregaard AS
 - 7.5.1 Borregaard AS Details
 - 7.5.2 Borregaard AS Major Business
- 7.5.3 Borregaard AS Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Product and Services
- 7.5.4 Borregaard AS Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.5.5 Borregaard AS Recent Developments/Updates
- 7.5.6 Borregaard AS Competitive Strengths & Weaknesses
- 7.6 CelluComp
 - 7.6.1 CelluComp Details
 - 7.6.2 CelluComp Major Business
 - 7.6.3 CelluComp Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Product and Services

7.6.4 CelluComp Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.6.5 CelluComp Recent Developments/Updates
- 7.6.6 CelluComp Competitive Strengths & Weaknesses
- 7.7 Melodea Ltd
 - 7.7.1 Melodea Ltd Details
 - 7.7.2 Melodea Ltd Major Business
 - 7.7.3 Melodea Ltd Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)



Product and Services

- 7.7.4 Melodea Ltd Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)
- Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 Melodea Ltd Recent Developments/Updates
- 7.7.6 Melodea Ltd Competitive Strengths & Weaknesses
- 7.8 Blue Goose Refineries
 - 7.8.1 Blue Goose Refineries Details
 - 7.8.2 Blue Goose Refineries Major Business
- 7.8.3 Blue Goose Refineries Cellulose Nanofiber (CNF) and Cellulose Nanocrystals
- (CNC) Product and Services
- 7.8.4 Blue Goose Refineries Cellulose Nanofiber (CNF) and Cellulose Nanocrystals
- (CNC) Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.8.5 Blue Goose Refineries Recent Developments/Updates
- 7.8.6 Blue Goose Refineries Competitive Strengths & Weaknesses
- 7.9 GranBio Technologies
 - 7.9.1 GranBio Technologies Details
 - 7.9.2 GranBio Technologies Major Business
- 7.9.3 GranBio Technologies Cellulose Nanofiber (CNF) and Cellulose Nanocrystals
- (CNC) Product and Services
- 7.9.4 GranBio Technologies Cellulose Nanofiber (CNF) and Cellulose Nanocrystals
- (CNC) Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.9.5 GranBio Technologies Recent Developments/Updates
- 7.9.6 GranBio Technologies Competitive Strengths & Weaknesses
- 7.10 Stora Enso Biomaterials
 - 7.10.1 Stora Enso Biomaterials Details
 - 7.10.2 Stora Enso Biomaterials Major Business
- 7.10.3 Stora Enso Biomaterials Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Product and Services
- 7.10.4 Stora Enso Biomaterials Cellulose Nanofiber (CNF) and Cellulose Nanocrystals
- (CNC) Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.10.5 Stora Enso Biomaterials Recent Developments/Updates
 - 7.10.6 Stora Enso Biomaterials Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Industry Chain
- 8.2 Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Upstream Analysis
- 8.2.1 Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Core Raw Materials



- 8.2.2 Main Manufacturers of Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Mode
- 8.6 Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Procurement Model
- 8.7 Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Industry Sales Model and Sales Channels
 - 8.7.1 Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Sales Model
 - 8.7.2 Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer



List Of Tables

LIST OF TABLES

Table 1. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Value by Region (2018-2023) & (USD Million)

Table 3. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Value by Region (2024-2029) & (USD Million)

Table 4. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Value Market Share by Region (2018-2023)

Table 5. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Value Market Share by Region (2024-2029)

Table 6. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production by Region (2018-2023) & (Tons)

Table 7. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production by Region (2024-2029) & (Tons)

Table 8. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Market Share by Region (2018-2023)

Table 9. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Market Share by Region (2024-2029)

Table 10. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Average

Price by Region (2018-2023) & (US\$/Ton)

Table 11. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Average

Price by Region (2024-2029) & (US\$/Ton)

Table 12. Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Major Market

Trends

Table 13. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Tons)

Table 14. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Consumption by Region (2018-2023) & (Tons)

Table 15. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Consumption Forecast by Region (2024-2029) & (Tons)

Table 16. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Cellulose Nanofiber (CNF) and

Cellulose Nanocrystals (CNC) Producers in 2022

Table 18. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)



Production by Manufacturer (2018-2023) & (Tons)

Table 19. Production Market Share of Key Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Producers in 2022

Table 20. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Average Price by Manufacturer (2018-2023) & (US\$/Ton)

Table 21. Global Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Company Evaluation Quadrant

Table 22. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Site of Key Manufacturer

Table 24. Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Market: Company Product Type Footprint

Table 25. Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Market: Company Product Application Footprint

Table 26. Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Competitive Factors

Table 27. Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) New Entrant and Capacity Expansion Plans

Table 28. Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Mergers & Acquisitions Activity

Table 29. United States VS China Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Comparison, (2018 & 2022 & 2029) & (Tons)

Table 31. United States VS China Cellulose Nanofiber (CNF) and Cellulose

Nanocrystals (CNC) Consumption Comparison, (2018 & 2022 & 2029) & (Tons)

Table 32. United States Based Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production (2018-2023) & (Tons)

Table 36. United States Based Manufacturers Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Market Share (2018-2023)

Table 37. China Based Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)



Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Cellulose Nanofiber (CNF) and Cellulose

Nanocrystals (CNC) Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Cellulose Nanofiber (CNF) and Cellulose

Nanocrystals (CNC) Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Cellulose Nanofiber (CNF) and Cellulose

Nanocrystals (CNC) Production (2018-2023) & (Tons)

Table 41. China Based Manufacturers Cellulose Nanofiber (CNF) and Cellulose

Nanocrystals (CNC) Production Market Share (2018-2023)

Table 42. Rest of World Based Cellulose Nanofiber (CNF) and Cellulose Nanocrystals

(CNC) Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Cellulose Nanofiber (CNF) and Cellulose

Nanocrystals (CNC) Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Cellulose Nanofiber (CNF) and Cellulose

Nanocrystals (CNC) Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Cellulose Nanofiber (CNF) and Cellulose

Nanocrystals (CNC) Production (2018-2023) & (Tons)

Table 46. Rest of World Based Manufacturers Cellulose Nanofiber (CNF) and Cellulose

Nanocrystals (CNC) Production Market Share (2018-2023)

Table 47. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production by Type (2018-2023) & (Tons)

Table 49. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production by Type (2024-2029) & (Tons)

Table 50. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Value by Type (2018-2023) & (USD Million)

Table 51. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Value by Type (2024-2029) & (USD Million)

Table 52. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Average

Price by Type (2018-2023) & (US\$/Ton)

Table 53. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Average

Price by Type (2024-2029) & (US\$/Ton)

Table 54. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production by Application (2018-2023) & (Tons)

Table 56. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production by Application (2024-2029) & (Tons)



Table 57. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Value by Application (2018-2023) & (USD Million)

Table 58. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Value by Application (2024-2029) & (USD Million)

Table 59. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Average Price by Application (2018-2023) & (US\$/Ton)

Table 60. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Average Price by Application (2024-2029) & (US\$/Ton)

Table 61. Cellu Force Basic Information, Manufacturing Base and Competitors

Table 62. Cellu Force Major Business

Table 63. Cellu Force Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Product and Services

Table 64. Cellu Force Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Cellu Force Recent Developments/Updates

Table 66. Cellu Force Competitive Strengths & Weaknesses

Table 67. Fiber Lean Basic Information, Manufacturing Base and Competitors

Table 68. Fiber Lean Major Business

Table 69. Fiber Lean Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Product and Services

Table 70. Fiber Lean Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and

Market Share (2018-2023)

Table 71. Fiber Lean Recent Developments/Updates

Table 72. Fiber Lean Competitive Strengths & Weaknesses

Table 73. NIPPON PAPER INDUSTRIES CO., LTD. Basic Information, Manufacturing Base and Competitors

Table 74. NIPPON PAPER INDUSTRIES CO., LTD. Major Business

Table 75. NIPPON PAPER INDUSTRIES CO., LTD. Cellulose Nanofiber (CNF) and

Cellulose Nanocrystals (CNC) Product and Services

Table 76. NIPPON PAPER INDUSTRIES CO., LTD. Cellulose Nanofiber (CNF) and

Cellulose Nanocrystals (CNC) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. NIPPON PAPER INDUSTRIES CO., LTD. Recent Developments/Updates

Table 78. NIPPON PAPER INDUSTRIES CO., LTD. Competitive Strengths &

Weaknesses

Table 79. Kruger INC Basic Information, Manufacturing Base and Competitors

Table 80. Kruger INC Major Business



Table 81. Kruger INC Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Product and Services

Table 82. Kruger INC Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Kruger INC Recent Developments/Updates

Table 84. Kruger INC Competitive Strengths & Weaknesses

Table 85. Borregaard AS Basic Information, Manufacturing Base and Competitors

Table 86. Borregaard AS Major Business

Table 87. Borregaard AS Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Product and Services

Table 88. Borregaard AS Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Borregaard AS Recent Developments/Updates

Table 90. Borregaard AS Competitive Strengths & Weaknesses

Table 91. CelluComp Basic Information, Manufacturing Base and Competitors

Table 92. CelluComp Major Business

Table 93. CelluComp Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Product and Services

Table 94. CelluComp Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. CelluComp Recent Developments/Updates

Table 96. CelluComp Competitive Strengths & Weaknesses

Table 97. Melodea Ltd Basic Information, Manufacturing Base and Competitors

Table 98. Melodea Ltd Major Business

Table 99. Melodea Ltd Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Product and Services

Table 100. Melodea Ltd Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Melodea Ltd Recent Developments/Updates

Table 102. Melodea Ltd Competitive Strengths & Weaknesses

Table 103. Blue Goose Refineries Basic Information, Manufacturing Base and Competitors

Table 104. Blue Goose Refineries Major Business

Table 105. Blue Goose Refineries Cellulose Nanofiber (CNF) and Cellulose

Nanocrystals (CNC) Product and Services



Table 106. Blue Goose Refineries Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Blue Goose Refineries Recent Developments/Updates

Table 108. Blue Goose Refineries Competitive Strengths & Weaknesses

Table 109. GranBio Technologies Basic Information, Manufacturing Base and Competitors

Table 110. GranBio Technologies Major Business

Table 111. GranBio Technologies Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Product and Services

Table 112. GranBio Technologies Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. GranBio Technologies Recent Developments/Updates

Table 114. Stora Enso Biomaterials Basic Information, Manufacturing Base and Competitors

Table 115. Stora Enso Biomaterials Major Business

Table 116. Stora Enso Biomaterials Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Product and Services

Table 117. Stora Enso Biomaterials Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 118. Global Key Players of Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Upstream (Raw Materials)

Table 119. Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Typical Customers

Table 120. Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Typical Distributors



List Of Figures

LIST OF FIGURES

Figure 1. Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Picture

Figure 2. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production (2018-2029) & (Tons)

Figure 5. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Average

Price (2018-2029) & (US\$/Ton)

Figure 6. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Value Market Share by Region (2018-2029)

Figure 7. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Market Share by Region (2018-2029)

Figure 8. North America Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production (2018-2029) & (Tons)

Figure 9. Europe Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production (2018-2029) & (Tons)

Figure 10. China Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production (2018-2029) & (Tons)

Figure 11. Japan Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production (2018-2029) & (Tons)

Figure 12. Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Consumption (2018-2029) & (Tons)

Figure 15. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Consumption Market Share by Region (2018-2029)

Figure 16. United States Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Consumption (2018-2029) & (Tons)

Figure 17. China Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Consumption (2018-2029) & (Tons)

Figure 18. Europe Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Consumption (2018-2029) & (Tons)

Figure 19. Japan Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Consumption (2018-2029) & (Tons)



Figure 20. South Korea Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Consumption (2018-2029) & (Tons)

Figure 21. ASEAN Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Consumption (2018-2029) & (Tons)

Figure 22. India Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Consumption (2018-2029) & (Tons)

Figure 23. Producer Shipments of Cellulose Nanofiber (CNF) and Cellulose

Nanocrystals (CNC) by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Markets in 2022

Figure 26. United States VS China: Cellulose Nanofiber (CNF) and Cellulose

Nanocrystals (CNC) Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Cellulose Nanofiber (CNF) and Cellulose

Nanocrystals (CNC) Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Cellulose Nanofiber (CNF) and Cellulose

Nanocrystals (CNC) Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Market Share 2022

Figure 30. China Based Manufacturers Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Production Market Share 2022

Figure 32. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Value Market Share by Type in 2022

Figure 34. Cellulose Nanofiber (CNF)

Figure 35. Cellulose Nanocrystals (CNC)

Figure 36. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Market Share by Type (2018-2029)

Figure 37. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Value Market Share by Type (2018-2029)

Figure 38. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Average Price by Type (2018-2029) & (US\$/Ton)

Figure 39. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 40. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)



Production Value Market Share by Application in 2022

Figure 41. Pharmaceuticals & Biomedical

Figure 42. Electronics

Figure 43. Food & Beverages

Figure 44. Others

Figure 45. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Market Share by Application (2018-2029)

Figure 46. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC)

Production Value Market Share by Application (2018-2029)

Figure 47. World Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Average Price by Application (2018-2029) & (US\$/Ton)

Figure 48. Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Industry Chain

Figure 49. Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Procurement Model

Figure 50. Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Sales Model

Figure 51. Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Sales

Channels, Direct Sales, and Distribution

Figure 52. Methodology

Figure 53. Research Process and Data Source



I would like to order

Product name: Global Cellulose Nanofiber (CNF) and Cellulose Nanocrystals (CNC) Supply, Demand

and Key Producers, 2023-2029

Product link: https://marketpublishers.com/r/G258B702CC85EN.html

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G258B702CC85EN.html

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

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer 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

