

# Global Carbon Nano Quantum Dots Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Carbon Nano Quantum Dots market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Carbon Nano Quantum Dots are a class of nanoscale semiconductor materials composed of elemental carbon; they are an emerging class of nanomaterials with unique optical and electrical properties. Carbon nanodots typically have diameters in the range of a few nanometres to tens of nanometres, and their structure is similar to that of carbon nanotubes and graphene, but they are zero-dimensional and do not have a long-range crystalline structure.

This report studies the global Carbon Nano Quantum Dots production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Carbon Nano Quantum Dots, 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 Carbon Nano Quantum Dots that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Carbon Nano Quantum Dots total production and demand, 2018-2029, (Tons)

Global Carbon Nano Quantum Dots total production value, 2018-2029, (USD Million)

Global Carbon Nano Quantum Dots production by region & country, production, value,

CAGR, 2018-2029, (USD Million) & (Tons)

Global Carbon Nano Quantum Dots consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Carbon Nano Quantum Dots domestic production, consumption, key domestic manufacturers and share

Global Carbon Nano Quantum Dots production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Carbon Nano Quantum Dots production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Carbon Nano Quantum Dots production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons).

This reports profiles key players in the global Carbon Nano Quantum Dots 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 Quantum Solutions, Advanced Nano Products Co., Ltd., Nanoscale Corporation, Quantum Materials Corporation, Cheap Tubes Inc, ACS Material LLC, Nanyang Technological University, Indian Institute of Technology and Sigma-Aldrich, 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 Carbon Nano Quantum Dots 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 Carbon Nano Quantum Dots Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global Carbon Nano Quantum Dots Market, Segmentation by Type

Water Carbon Dot

Oil Carbon Dot

## Global Carbon Nano Quantum Dots Market, Segmentation by Application

Biomedicine

Energy

Electronics & Semiconductors

Energy Storage

Other

## Companies Profiled:

Quantum Solutions

Advanced Nano Products Co., Ltd.

Nanoscale Corporation

Quantum Materials Corporation

Cheap Tubes Inc

ACS Material LLC

Nanyang Technological University

Indian Institute of Technology

Sigma-Aldrich

American Elements

ACS MATERIAL

Jiangsu Xianfeng Nano

Jintanchi

Beijing Beida Jubang

Nanjing NanoJanus

Suzhou Xingshuo Nanotech

## Key Questions Answered

1. How big is the global Carbon Nano Quantum Dots market?

2. What is the demand of the global Carbon Nano Quantum Dots market?
3. What is the year over year growth of the global Carbon Nano Quantum Dots market?
4. What is the production and production value of the global Carbon Nano Quantum Dots market?
5. Who are the key producers in the global Carbon Nano Quantum Dots market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Carbon Nano Quantum Dots Introduction
- 1.2 World Carbon Nano Quantum Dots Supply & Forecast
  - 1.2.1 World Carbon Nano Quantum Dots Production Value (2018 & 2022 & 2029)
  - 1.2.2 World Carbon Nano Quantum Dots Production (2018-2029)
  - 1.2.3 World Carbon Nano Quantum Dots Pricing Trends (2018-2029)
- 1.3 World Carbon Nano Quantum Dots Production by Region (Based on Production Site)
  - 1.3.1 World Carbon Nano Quantum Dots Production Value by Region (2018-2029)
  - 1.3.2 World Carbon Nano Quantum Dots Production by Region (2018-2029)
  - 1.3.3 World Carbon Nano Quantum Dots Average Price by Region (2018-2029)
  - 1.3.4 North America Carbon Nano Quantum Dots Production (2018-2029)
  - 1.3.5 Europe Carbon Nano Quantum Dots Production (2018-2029)
  - 1.3.6 China Carbon Nano Quantum Dots Production (2018-2029)
  - 1.3.7 Japan Carbon Nano Quantum Dots Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Carbon Nano Quantum Dots Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Carbon Nano Quantum Dots 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 Carbon Nano Quantum Dots Demand (2018-2029)
- 2.2 World Carbon Nano Quantum Dots Consumption by Region
  - 2.2.1 World Carbon Nano Quantum Dots Consumption by Region (2018-2023)
  - 2.2.2 World Carbon Nano Quantum Dots Consumption Forecast by Region (2024-2029)
- 2.3 United States Carbon Nano Quantum Dots Consumption (2018-2029)
- 2.4 China Carbon Nano Quantum Dots Consumption (2018-2029)
- 2.5 Europe Carbon Nano Quantum Dots Consumption (2018-2029)
- 2.6 Japan Carbon Nano Quantum Dots Consumption (2018-2029)
- 2.7 South Korea Carbon Nano Quantum Dots Consumption (2018-2029)
- 2.8 ASEAN Carbon Nano Quantum Dots Consumption (2018-2029)

## 2.9 India Carbon Nano Quantum Dots Consumption (2018-2029)

### **3 WORLD CARBON NANO QUANTUM DOTS MANUFACTURERS COMPETITIVE ANALYSIS**

#### 3.1 World Carbon Nano Quantum Dots Production Value by Manufacturer (2018-2023)

#### 3.2 World Carbon Nano Quantum Dots Production by Manufacturer (2018-2023)

#### 3.3 World Carbon Nano Quantum Dots Average Price by Manufacturer (2018-2023)

#### 3.4 Carbon Nano Quantum Dots Company Evaluation Quadrant

#### 3.5 Industry Rank and Concentration Rate (CR)

##### 3.5.1 Global Carbon Nano Quantum Dots Industry Rank of Major Manufacturers

##### 3.5.2 Global Concentration Ratios (CR4) for Carbon Nano Quantum Dots in 2022

##### 3.5.3 Global Concentration Ratios (CR8) for Carbon Nano Quantum Dots in 2022

#### 3.6 Carbon Nano Quantum Dots Market: Overall Company Footprint Analysis

##### 3.6.1 Carbon Nano Quantum Dots Market: Region Footprint

##### 3.6.2 Carbon Nano Quantum Dots Market: Company Product Type Footprint

##### 3.6.3 Carbon Nano Quantum Dots 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: Carbon Nano Quantum Dots Production Value Comparison

##### 4.1.1 United States VS China: Carbon Nano Quantum Dots Production Value Comparison (2018 & 2022 & 2029)

##### 4.1.2 United States VS China: Carbon Nano Quantum Dots Production Value Market Share Comparison (2018 & 2022 & 2029)

#### 4.2 United States VS China: Carbon Nano Quantum Dots Production Comparison

##### 4.2.1 United States VS China: Carbon Nano Quantum Dots Production Comparison (2018 & 2022 & 2029)

##### 4.2.2 United States VS China: Carbon Nano Quantum Dots Production Market Share Comparison (2018 & 2022 & 2029)

#### 4.3 United States VS China: Carbon Nano Quantum Dots Consumption Comparison

##### 4.3.1 United States VS China: Carbon Nano Quantum Dots Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Carbon Nano Quantum Dots Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Carbon Nano Quantum Dots Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Carbon Nano Quantum Dots Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Carbon Nano Quantum Dots Production Value (2018-2023)

4.4.3 United States Based Manufacturers Carbon Nano Quantum Dots Production (2018-2023)

4.5 China Based Carbon Nano Quantum Dots Manufacturers and Market Share

4.5.1 China Based Carbon Nano Quantum Dots Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Carbon Nano Quantum Dots Production Value (2018-2023)

4.5.3 China Based Manufacturers Carbon Nano Quantum Dots Production (2018-2023)

4.6 Rest of World Based Carbon Nano Quantum Dots Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Carbon Nano Quantum Dots Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Carbon Nano Quantum Dots Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Carbon Nano Quantum Dots Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Carbon Nano Quantum Dots Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Water Carbon Dot

5.2.2 Oil Carbon Dot

5.3 Market Segment by Type

5.3.1 World Carbon Nano Quantum Dots Production by Type (2018-2029)

5.3.2 World Carbon Nano Quantum Dots Production Value by Type (2018-2029)

5.3.3 World Carbon Nano Quantum Dots Average Price by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**



6.1 World Carbon Nano Quantum Dots Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Biomedicine

6.2.2 Energy

6.2.3 Electronics & Semiconductors

6.2.4 Energy Storage

6.2.5 Other

6.3 Market Segment by Application

6.3.1 World Carbon Nano Quantum Dots Production by Application (2018-2029)

6.3.2 World Carbon Nano Quantum Dots Production Value by Application (2018-2029)

6.3.3 World Carbon Nano Quantum Dots Average Price by Application (2018-2029)

## **7 COMPANY PROFILES**

7.1 Quantum Solutions

7.1.1 Quantum Solutions Details

7.1.2 Quantum Solutions Major Business

7.1.3 Quantum Solutions Carbon Nano Quantum Dots Product and Services

7.1.4 Quantum Solutions Carbon Nano Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Quantum Solutions Recent Developments/Updates

7.1.6 Quantum Solutions Competitive Strengths & Weaknesses

7.2 Advanced Nano Products Co., Ltd.

7.2.1 Advanced Nano Products Co., Ltd. Details

7.2.2 Advanced Nano Products Co., Ltd. Major Business

7.2.3 Advanced Nano Products Co., Ltd. Carbon Nano Quantum Dots Product and Services

7.2.4 Advanced Nano Products Co., Ltd. Carbon Nano Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Advanced Nano Products Co., Ltd. Recent Developments/Updates

7.2.6 Advanced Nano Products Co., Ltd. Competitive Strengths & Weaknesses

7.3 Nanoscale Corporation

7.3.1 Nanoscale Corporation Details

7.3.2 Nanoscale Corporation Major Business

7.3.3 Nanoscale Corporation Carbon Nano Quantum Dots Product and Services

7.3.4 Nanoscale Corporation Carbon Nano Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.3.5 Nanoscale Corporation Recent Developments/Updates
- 7.3.6 Nanoscale Corporation Competitive Strengths & Weaknesses
- 7.4 Quantum Materials Corporation
  - 7.4.1 Quantum Materials Corporation Details
  - 7.4.2 Quantum Materials Corporation Major Business
  - 7.4.3 Quantum Materials Corporation Carbon Nano Quantum Dots Product and Services
  - 7.4.4 Quantum Materials Corporation Carbon Nano Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.4.5 Quantum Materials Corporation Recent Developments/Updates
  - 7.4.6 Quantum Materials Corporation Competitive Strengths & Weaknesses
- 7.5 Cheap Tubes Inc
  - 7.5.1 Cheap Tubes Inc Details
  - 7.5.2 Cheap Tubes Inc Major Business
  - 7.5.3 Cheap Tubes Inc Carbon Nano Quantum Dots Product and Services
  - 7.5.4 Cheap Tubes Inc Carbon Nano Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.5.5 Cheap Tubes Inc Recent Developments/Updates
  - 7.5.6 Cheap Tubes Inc Competitive Strengths & Weaknesses
- 7.6 ACS Material LLC
  - 7.6.1 ACS Material LLC Details
  - 7.6.2 ACS Material LLC Major Business
  - 7.6.3 ACS Material LLC Carbon Nano Quantum Dots Product and Services
  - 7.6.4 ACS Material LLC Carbon Nano Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.6.5 ACS Material LLC Recent Developments/Updates
  - 7.6.6 ACS Material LLC Competitive Strengths & Weaknesses
- 7.7 Nanyang Technological University
  - 7.7.1 Nanyang Technological University Details
  - 7.7.2 Nanyang Technological University Major Business
  - 7.7.3 Nanyang Technological University Carbon Nano Quantum Dots Product and Services
  - 7.7.4 Nanyang Technological University Carbon Nano Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 Nanyang Technological University Recent Developments/Updates
  - 7.7.6 Nanyang Technological University Competitive Strengths & Weaknesses
- 7.8 Indian Institute of Technology
  - 7.8.1 Indian Institute of Technology Details
  - 7.8.2 Indian Institute of Technology Major Business

- 7.8.3 Indian Institute of Technology Carbon Nano Quantum Dots Product and Services
- 7.8.4 Indian Institute of Technology Carbon Nano Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.8.5 Indian Institute of Technology Recent Developments/Updates
- 7.8.6 Indian Institute of Technology Competitive Strengths & Weaknesses
- 7.9 Sigma-Aldrich
  - 7.9.1 Sigma-Aldrich Details
  - 7.9.2 Sigma-Aldrich Major Business
  - 7.9.3 Sigma-Aldrich Carbon Nano Quantum Dots Product and Services
  - 7.9.4 Sigma-Aldrich Carbon Nano Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.9.5 Sigma-Aldrich Recent Developments/Updates
  - 7.9.6 Sigma-Aldrich Competitive Strengths & Weaknesses
- 7.10 American Elements
  - 7.10.1 American Elements Details
  - 7.10.2 American Elements Major Business
  - 7.10.3 American Elements Carbon Nano Quantum Dots Product and Services
  - 7.10.4 American Elements Carbon Nano Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.10.5 American Elements Recent Developments/Updates
  - 7.10.6 American Elements Competitive Strengths & Weaknesses
- 7.11 ACS MATERIAL
  - 7.11.1 ACS MATERIAL Details
  - 7.11.2 ACS MATERIAL Major Business
  - 7.11.3 ACS MATERIAL Carbon Nano Quantum Dots Product and Services
  - 7.11.4 ACS MATERIAL Carbon Nano Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.11.5 ACS MATERIAL Recent Developments/Updates
  - 7.11.6 ACS MATERIAL Competitive Strengths & Weaknesses
- 7.12 Jiangsu Xianfeng Nano
  - 7.12.1 Jiangsu Xianfeng Nano Details
  - 7.12.2 Jiangsu Xianfeng Nano Major Business
  - 7.12.3 Jiangsu Xianfeng Nano Carbon Nano Quantum Dots Product and Services
  - 7.12.4 Jiangsu Xianfeng Nano Carbon Nano Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.12.5 Jiangsu Xianfeng Nano Recent Developments/Updates
  - 7.12.6 Jiangsu Xianfeng Nano Competitive Strengths & Weaknesses
- 7.13 Jintanchi
  - 7.13.1 Jintanchi Details

- 7.13.2 Jintanchi Major Business
- 7.13.3 Jintanchi Carbon Nano Quantum Dots Product and Services
- 7.13.4 Jintanchi Carbon Nano Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.13.5 Jintanchi Recent Developments/Updates
- 7.13.6 Jintanchi Competitive Strengths & Weaknesses
- 7.14 Beijing Beida Jubang
  - 7.14.1 Beijing Beida Jubang Details
  - 7.14.2 Beijing Beida Jubang Major Business
  - 7.14.3 Beijing Beida Jubang Carbon Nano Quantum Dots Product and Services
  - 7.14.4 Beijing Beida Jubang Carbon Nano Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.14.5 Beijing Beida Jubang Recent Developments/Updates
  - 7.14.6 Beijing Beida Jubang Competitive Strengths & Weaknesses
- 7.15 Nanjing NanoJanus
  - 7.15.1 Nanjing NanoJanus Details
  - 7.15.2 Nanjing NanoJanus Major Business
  - 7.15.3 Nanjing NanoJanus Carbon Nano Quantum Dots Product and Services
  - 7.15.4 Nanjing NanoJanus Carbon Nano Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.15.5 Nanjing NanoJanus Recent Developments/Updates
  - 7.15.6 Nanjing NanoJanus Competitive Strengths & Weaknesses
- 7.16 Suzhou Xingshuo Nanotech
  - 7.16.1 Suzhou Xingshuo Nanotech Details
  - 7.16.2 Suzhou Xingshuo Nanotech Major Business
  - 7.16.3 Suzhou Xingshuo Nanotech Carbon Nano Quantum Dots Product and Services
  - 7.16.4 Suzhou Xingshuo Nanotech Carbon Nano Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.16.5 Suzhou Xingshuo Nanotech Recent Developments/Updates
  - 7.16.6 Suzhou Xingshuo Nanotech Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Carbon Nano Quantum Dots Industry Chain
- 8.2 Carbon Nano Quantum Dots Upstream Analysis
  - 8.2.1 Carbon Nano Quantum Dots Core Raw Materials
  - 8.2.2 Main Manufacturers of Carbon Nano Quantum Dots Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis

8.5 Carbon Nano Quantum Dots Production Mode

8.6 Carbon Nano Quantum Dots Procurement Model

8.7 Carbon Nano Quantum Dots Industry Sales Model and Sales Channels

8.7.1 Carbon Nano Quantum Dots Sales Model

8.7.2 Carbon Nano Quantum Dots 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 Carbon Nano Quantum Dots Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Carbon Nano Quantum Dots Production Value by Region (2018-2023) & (USD Million)

Table 3. World Carbon Nano Quantum Dots Production Value by Region (2024-2029) & (USD Million)

Table 4. World Carbon Nano Quantum Dots Production Value Market Share by Region (2018-2023)

Table 5. World Carbon Nano Quantum Dots Production Value Market Share by Region (2024-2029)

Table 6. World Carbon Nano Quantum Dots Production by Region (2018-2023) & (Tons)

Table 7. World Carbon Nano Quantum Dots Production by Region (2024-2029) & (Tons)

Table 8. World Carbon Nano Quantum Dots Production Market Share by Region (2018-2023)

Table 9. World Carbon Nano Quantum Dots Production Market Share by Region (2024-2029)

Table 10. World Carbon Nano Quantum Dots Average Price by Region (2018-2023) & (US\$/Ton)

Table 11. World Carbon Nano Quantum Dots Average Price by Region (2024-2029) & (US\$/Ton)

Table 12. Carbon Nano Quantum Dots Major Market Trends

Table 13. World Carbon Nano Quantum Dots Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Tons)

Table 14. World Carbon Nano Quantum Dots Consumption by Region (2018-2023) & (Tons)

Table 15. World Carbon Nano Quantum Dots Consumption Forecast by Region (2024-2029) & (Tons)

Table 16. World Carbon Nano Quantum Dots Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Carbon Nano Quantum Dots Producers in 2022

Table 18. World Carbon Nano Quantum Dots Production by Manufacturer (2018-2023) & (Tons)

Table 19. Production Market Share of Key Carbon Nano Quantum Dots Producers in 2022

Table 20. World Carbon Nano Quantum Dots Average Price by Manufacturer (2018-2023) & (US\$/Ton)

Table 21. Global Carbon Nano Quantum Dots Company Evaluation Quadrant

Table 22. World Carbon Nano Quantum Dots Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Carbon Nano Quantum Dots Production Site of Key Manufacturer

Table 24. Carbon Nano Quantum Dots Market: Company Product Type Footprint

Table 25. Carbon Nano Quantum Dots Market: Company Product Application Footprint

Table 26. Carbon Nano Quantum Dots Competitive Factors

Table 27. Carbon Nano Quantum Dots New Entrant and Capacity Expansion Plans

Table 28. Carbon Nano Quantum Dots Mergers & Acquisitions Activity

Table 29. United States VS China Carbon Nano Quantum Dots Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Carbon Nano Quantum Dots Production Comparison, (2018 & 2022 & 2029) & (Tons)

Table 31. United States VS China Carbon Nano Quantum Dots Consumption Comparison, (2018 & 2022 & 2029) & (Tons)

Table 32. United States Based Carbon Nano Quantum Dots Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Carbon Nano Quantum Dots Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Carbon Nano Quantum Dots Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Carbon Nano Quantum Dots Production (2018-2023) & (Tons)

Table 36. United States Based Manufacturers Carbon Nano Quantum Dots Production Market Share (2018-2023)

Table 37. China Based Carbon Nano Quantum Dots Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Carbon Nano Quantum Dots Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Carbon Nano Quantum Dots Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Carbon Nano Quantum Dots Production (2018-2023) & (Tons)

Table 41. China Based Manufacturers Carbon Nano Quantum Dots Production Market

Share (2018-2023)

Table 42. Rest of World Based Carbon Nano Quantum Dots Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Carbon Nano Quantum Dots Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Carbon Nano Quantum Dots Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Carbon Nano Quantum Dots Production (2018-2023) & (Tons)

Table 46. Rest of World Based Manufacturers Carbon Nano Quantum Dots Production Market Share (2018-2023)

Table 47. World Carbon Nano Quantum Dots Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Carbon Nano Quantum Dots Production by Type (2018-2023) & (Tons)

Table 49. World Carbon Nano Quantum Dots Production by Type (2024-2029) & (Tons)

Table 50. World Carbon Nano Quantum Dots Production Value by Type (2018-2023) & (USD Million)

Table 51. World Carbon Nano Quantum Dots Production Value by Type (2024-2029) & (USD Million)

Table 52. World Carbon Nano Quantum Dots Average Price by Type (2018-2023) & (US\$/Ton)

Table 53. World Carbon Nano Quantum Dots Average Price by Type (2024-2029) & (US\$/Ton)

Table 54. World Carbon Nano Quantum Dots Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Carbon Nano Quantum Dots Production by Application (2018-2023) & (Tons)

Table 56. World Carbon Nano Quantum Dots Production by Application (2024-2029) & (Tons)

Table 57. World Carbon Nano Quantum Dots Production Value by Application (2018-2023) & (USD Million)

Table 58. World Carbon Nano Quantum Dots Production Value by Application (2024-2029) & (USD Million)

Table 59. World Carbon Nano Quantum Dots Average Price by Application (2018-2023) & (US\$/Ton)

Table 60. World Carbon Nano Quantum Dots Average Price by Application (2024-2029) & (US\$/Ton)

Table 61. Quantum Solutions Basic Information, Manufacturing Base and Competitors

Table 62. Quantum Solutions Major Business



Table 63. Quantum Solutions Carbon Nano Quantum Dots Product and Services

Table 64. Quantum Solutions Carbon Nano Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Quantum Solutions Recent Developments/Updates

Table 66. Quantum Solutions Competitive Strengths & Weaknesses

Table 67. Advanced Nano Products Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 68. Advanced Nano Products Co., Ltd. Major Business

Table 69. Advanced Nano Products Co., Ltd. Carbon Nano Quantum Dots Product and Services

Table 70. Advanced Nano Products Co., Ltd. Carbon Nano Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Advanced Nano Products Co., Ltd. Recent Developments/Updates

Table 72. Advanced Nano Products Co., Ltd. Competitive Strengths & Weaknesses

Table 73. Nanoscale Corporation Basic Information, Manufacturing Base and Competitors

Table 74. Nanoscale Corporation Major Business

Table 75. Nanoscale Corporation Carbon Nano Quantum Dots Product and Services

Table 76. Nanoscale Corporation Carbon Nano Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Nanoscale Corporation Recent Developments/Updates

Table 78. Nanoscale Corporation Competitive Strengths & Weaknesses

Table 79. Quantum Materials Corporation Basic Information, Manufacturing Base and Competitors

Table 80. Quantum Materials Corporation Major Business

Table 81. Quantum Materials Corporation Carbon Nano Quantum Dots Product and Services

Table 82. Quantum Materials Corporation Carbon Nano Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Quantum Materials Corporation Recent Developments/Updates

Table 84. Quantum Materials Corporation Competitive Strengths & Weaknesses

Table 85. Cheap Tubes Inc Basic Information, Manufacturing Base and Competitors

Table 86. Cheap Tubes Inc Major Business

Table 87. Cheap Tubes Inc Carbon Nano Quantum Dots Product and Services

Table 88. Cheap Tubes Inc Carbon Nano Quantum Dots Production (Tons), Price

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

Table 89. Cheap Tubes Inc Recent Developments/Updates

Table 90. Cheap Tubes Inc Competitive Strengths & Weaknesses

Table 91. ACS Material LLC Basic Information, Manufacturing Base and Competitors

Table 92. ACS Material LLC Major Business

Table 93. ACS Material LLC Carbon Nano Quantum Dots Product and Services

Table 94. ACS Material LLC Carbon Nano Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. ACS Material LLC Recent Developments/Updates

Table 96. ACS Material LLC Competitive Strengths & Weaknesses

Table 97. Nanyang Technological University Basic Information, Manufacturing Base and Competitors

Table 98. Nanyang Technological University Major Business

Table 99. Nanyang Technological University Carbon Nano Quantum Dots Product and Services

Table 100. Nanyang Technological University Carbon Nano Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Nanyang Technological University Recent Developments/Updates

Table 102. Nanyang Technological University Competitive Strengths & Weaknesses

Table 103. Indian Institute of Technology Basic Information, Manufacturing Base and Competitors

Table 104. Indian Institute of Technology Major Business

Table 105. Indian Institute of Technology Carbon Nano Quantum Dots Product and Services

Table 106. Indian Institute of Technology Carbon Nano Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Indian Institute of Technology Recent Developments/Updates

Table 108. Indian Institute of Technology Competitive Strengths & Weaknesses

Table 109. Sigma-Aldrich Basic Information, Manufacturing Base and Competitors

Table 110. Sigma-Aldrich Major Business

Table 111. Sigma-Aldrich Carbon Nano Quantum Dots Product and Services

Table 112. Sigma-Aldrich Carbon Nano Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Sigma-Aldrich Recent Developments/Updates

- Table 114. Sigma-Aldrich Competitive Strengths & Weaknesses
- Table 115. American Elements Basic Information, Manufacturing Base and Competitors
- Table 116. American Elements Major Business
- Table 117. American Elements Carbon Nano Quantum Dots Product and Services
- Table 118. American Elements Carbon Nano Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 119. American Elements Recent Developments/Updates
- Table 120. American Elements Competitive Strengths & Weaknesses
- Table 121. ACS MATERIAL Basic Information, Manufacturing Base and Competitors
- Table 122. ACS MATERIAL Major Business
- Table 123. ACS MATERIAL Carbon Nano Quantum Dots Product and Services
- Table 124. ACS MATERIAL Carbon Nano Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 125. ACS MATERIAL Recent Developments/Updates
- Table 126. ACS MATERIAL Competitive Strengths & Weaknesses
- Table 127. Jiangsu Xianfeng Nano Basic Information, Manufacturing Base and Competitors
- Table 128. Jiangsu Xianfeng Nano Major Business
- Table 129. Jiangsu Xianfeng Nano Carbon Nano Quantum Dots Product and Services
- Table 130. Jiangsu Xianfeng Nano Carbon Nano Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 131. Jiangsu Xianfeng Nano Recent Developments/Updates
- Table 132. Jiangsu Xianfeng Nano Competitive Strengths & Weaknesses
- Table 133. Jintanchi Basic Information, Manufacturing Base and Competitors
- Table 134. Jintanchi Major Business
- Table 135. Jintanchi Carbon Nano Quantum Dots Product and Services
- Table 136. Jintanchi Carbon Nano Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 137. Jintanchi Recent Developments/Updates
- Table 138. Jintanchi Competitive Strengths & Weaknesses
- Table 139. Beijing Beida Jubang Basic Information, Manufacturing Base and Competitors
- Table 140. Beijing Beida Jubang Major Business
- Table 141. Beijing Beida Jubang Carbon Nano Quantum Dots Product and Services
- Table 142. Beijing Beida Jubang Carbon Nano Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share

(2018-2023)

Table 143. Beijing Beida Jubang Recent Developments/Updates

Table 144. Beijing Beida Jubang Competitive Strengths & Weaknesses

Table 145. Nanjing NanoJanus Basic Information, Manufacturing Base and Competitors

Table 146. Nanjing NanoJanus Major Business

Table 147. Nanjing NanoJanus Carbon Nano Quantum Dots Product and Services

Table 148. Nanjing NanoJanus Carbon Nano Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share

(2018-2023)

Table 149. Nanjing NanoJanus Recent Developments/Updates

Table 150. Suzhou Xingshuo Nanotech Basic Information, Manufacturing Base and Competitors

Table 151. Suzhou Xingshuo Nanotech Major Business

Table 152. Suzhou Xingshuo Nanotech Carbon Nano Quantum Dots Product and Services

Table 153. Suzhou Xingshuo Nanotech Carbon Nano Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share

(2018-2023)

Table 154. Global Key Players of Carbon Nano Quantum Dots Upstream (Raw Materials)

Table 155. Carbon Nano Quantum Dots Typical Customers

Table 156. Carbon Nano Quantum Dots Typical Distributors

List of Figure

Figure 1. Carbon Nano Quantum Dots Picture

Figure 2. World Carbon Nano Quantum Dots Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Carbon Nano Quantum Dots Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Carbon Nano Quantum Dots Production (2018-2029) & (Tons)

Figure 5. World Carbon Nano Quantum Dots Average Price (2018-2029) & (US\$/Ton)

Figure 6. World Carbon Nano Quantum Dots Production Value Market Share by Region (2018-2029)

Figure 7. World Carbon Nano Quantum Dots Production Market Share by Region (2018-2029)

Figure 8. North America Carbon Nano Quantum Dots Production (2018-2029) & (Tons)

Figure 9. Europe Carbon Nano Quantum Dots Production (2018-2029) & (Tons)

Figure 10. China Carbon Nano Quantum Dots Production (2018-2029) & (Tons)

Figure 11. Japan Carbon Nano Quantum Dots Production (2018-2029) & (Tons)

Figure 12. Carbon Nano Quantum Dots Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Carbon Nano Quantum Dots Consumption (2018-2029) & (Tons)

Figure 15. World Carbon Nano Quantum Dots Consumption Market Share by Region (2018-2029)

Figure 16. United States Carbon Nano Quantum Dots Consumption (2018-2029) & (Tons)

Figure 17. China Carbon Nano Quantum Dots Consumption (2018-2029) & (Tons)

Figure 18. Europe Carbon Nano Quantum Dots Consumption (2018-2029) & (Tons)

Figure 19. Japan Carbon Nano Quantum Dots Consumption (2018-2029) & (Tons)

Figure 20. South Korea Carbon Nano Quantum Dots Consumption (2018-2029) & (Tons)

Figure 21. ASEAN Carbon Nano Quantum Dots Consumption (2018-2029) & (Tons)

Figure 22. India Carbon Nano Quantum Dots Consumption (2018-2029) & (Tons)

Figure 23. Producer Shipments of Carbon Nano Quantum Dots by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Carbon Nano Quantum Dots Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Carbon Nano Quantum Dots Markets in 2022

Figure 26. United States VS China: Carbon Nano Quantum Dots Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Carbon Nano Quantum Dots Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Carbon Nano Quantum Dots Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Carbon Nano Quantum Dots Production Market Share 2022

Figure 30. China Based Manufacturers Carbon Nano Quantum Dots Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Carbon Nano Quantum Dots Production Market Share 2022

Figure 32. World Carbon Nano Quantum Dots Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Carbon Nano Quantum Dots Production Value Market Share by Type in 2022

Figure 34. Water Carbon Dot

Figure 35. Oil Carbon Dot

Figure 36. World Carbon Nano Quantum Dots Production Market Share by Type (2018-2029)

Figure 37. World Carbon Nano Quantum Dots Production Value Market Share by Type (2018-2029)

Figure 38. World Carbon Nano Quantum Dots Average Price by Type (2018-2029) & (US\$/Ton)

Figure 39. World Carbon Nano Quantum Dots Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 40. World Carbon Nano Quantum Dots Production Value Market Share by Application in 2022

Figure 41. Biomedicine

Figure 42. Energy

Figure 43. Electronics & Semiconductors

Figure 44. Energy Storage

Figure 45. Other

Figure 46. World Carbon Nano Quantum Dots Production Market Share by Application (2018-2029)

Figure 47. World Carbon Nano Quantum Dots Production Value Market Share by Application (2018-2029)

Figure 48. World Carbon Nano Quantum Dots Average Price by Application (2018-2029) & (US\$/Ton)

Figure 49. Carbon Nano Quantum Dots Industry Chain

Figure 50. Carbon Nano Quantum Dots Procurement Model

Figure 51. Carbon Nano Quantum Dots Sales Model

Figure 52. Carbon Nano Quantum Dots Sales Channels, Direct Sales, and Distribution

Figure 53. Methodology

Figure 54. Research Process and Data Source

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