

Global Zinc Selenide Quantum Dots Supply, Demand and Key Producers, 2023-2029

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Abstracts

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

Zinc selenide quantum dots (ZnSe QDs) are nanocrystals composed of zinc and selenium atoms arranged in a crystalline structure. Quantum dots are semiconducting nanomaterials that exhibit unique optical and electronic properties due to their nanoscale dimensions. ZnSe QDs have become popular in various applications, particularly in the field of optoelectronics and biomedical research.

This report studies the global Zinc Selenide Quantum Dots production, demand, key manufacturers, and key regions.

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

Highlights and key features of the study

Global Zinc Selenide Quantum Dots total production and demand, 2018-2029, (Tons)

Global Zinc Selenide Quantum Dots total production value, 2018-2029, (USD Million)

Global Zinc Selenide Quantum Dots production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

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

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

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

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

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

This reports profiles key players in the global Zinc Selenide 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 US Research Nanomaterials, Nanoshel, Avantama, Mesolight, Thermo Fisher Scientific, Nanografi Nano Technology, Strem Chemicals, Abraxis and NNCrystal, 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 Zinc Selenide 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 Zinc Selenide Quantum Dots Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Zinc Selenide Quantum Dots Market, Segmentation by Type

Spherical ZnSe QDs

Rod-shaped ZnSe QDs

Global Zinc Selenide Quantum Dots Market, Segmentation by Application

Fluorescence Imaging

Light-emitting Diodes (LEDs)

Solar Cells

Sensors

Others

Companies Profiled:

US Research Nanomaterials

Nanoshel

Avantama

Mesolight

Thermo Fisher Scientific

Nanografi Nano Technology

Strem Chemicals

Abraxis

NNCrystal

American Elements

CD Bioparticles

Nanochemazone

Key Questions Answered

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

Contents

1 SUPPLY SUMMARY

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

2.9 India Zinc Selenide Quantum Dots Consumption (2018-2029)

3 WORLD ZINC SELENIDE QUANTUM DOTS MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Zinc Selenide Quantum Dots Production Value by Manufacturer (2018-2023)

3.2 World Zinc Selenide Quantum Dots Production by Manufacturer (2018-2023)

3.3 World Zinc Selenide Quantum Dots Average Price by Manufacturer (2018-2023)

3.4 Zinc Selenide Quantum Dots Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Zinc Selenide Quantum Dots Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Zinc Selenide Quantum Dots in 2022

3.5.3 Global Concentration Ratios (CR8) for Zinc Selenide Quantum Dots in 2022

3.6 Zinc Selenide Quantum Dots Market: Overall Company Footprint Analysis

3.6.1 Zinc Selenide Quantum Dots Market: Region Footprint

3.6.2 Zinc Selenide Quantum Dots Market: Company Product Type Footprint

3.6.3 Zinc Selenide 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: Zinc Selenide Quantum Dots Production Value Comparison

4.1.1 United States VS China: Zinc Selenide Quantum Dots Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Zinc Selenide Quantum Dots Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Zinc Selenide Quantum Dots Production Comparison

4.2.1 United States VS China: Zinc Selenide Quantum Dots Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Zinc Selenide Quantum Dots Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Zinc Selenide Quantum Dots Consumption Comparison

4.3.1 United States VS China: Zinc Selenide Quantum Dots Consumption Comparison

(2018 & 2022 & 2029)

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

4.4 United States Based Zinc Selenide Quantum Dots Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Zinc Selenide Quantum Dots Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Zinc Selenide Quantum Dots Production Value (2018-2023)

4.4.3 United States Based Manufacturers Zinc Selenide Quantum Dots Production (2018-2023)

4.5 China Based Zinc Selenide Quantum Dots Manufacturers and Market Share

4.5.1 China Based Zinc Selenide Quantum Dots Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Zinc Selenide Quantum Dots Production Value (2018-2023)

4.5.3 China Based Manufacturers Zinc Selenide Quantum Dots Production (2018-2023)

4.6 Rest of World Based Zinc Selenide Quantum Dots Manufacturers and Market Share, 2018-2023

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

4.6.2 Rest of World Based Manufacturers Zinc Selenide Quantum Dots Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Zinc Selenide Quantum Dots Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Zinc Selenide Quantum Dots Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Spherical ZnSe QDs

5.2.2 Rod-shaped ZnSe QDs

5.3 Market Segment by Type

5.3.1 World Zinc Selenide Quantum Dots Production by Type (2018-2029)

5.3.2 World Zinc Selenide Quantum Dots Production Value by Type (2018-2029)

5.3.3 World Zinc Selenide Quantum Dots Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Zinc Selenide Quantum Dots Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Fluorescence Imaging

6.2.2 Light-emitting Diodes (LEDs)

6.2.3 Solar Cells

6.2.4 Sensors

6.2.5 Others

6.3 Market Segment by Application

6.3.1 World Zinc Selenide Quantum Dots Production by Application (2018-2029)

6.3.2 World Zinc Selenide Quantum Dots Production Value by Application (2018-2029)

6.3.3 World Zinc Selenide Quantum Dots Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 US Research Nanomaterials

7.1.1 US Research Nanomaterials Details

7.1.2 US Research Nanomaterials Major Business

7.1.3 US Research Nanomaterials Zinc Selenide Quantum Dots Product and Services

7.1.4 US Research Nanomaterials Zinc Selenide Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 US Research Nanomaterials Recent Developments/Updates

7.1.6 US Research Nanomaterials Competitive Strengths & Weaknesses

7.2 Nanoshel

7.2.1 Nanoshel Details

7.2.2 Nanoshel Major Business

7.2.3 Nanoshel Zinc Selenide Quantum Dots Product and Services

7.2.4 Nanoshel Zinc Selenide Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Nanoshel Recent Developments/Updates

7.2.6 Nanoshel Competitive Strengths & Weaknesses

7.3 Avantama

7.3.1 Avantama Details

7.3.2 Avantama Major Business

7.3.3 Avantama Zinc Selenide Quantum Dots Product and Services

7.3.4 Avantama Zinc Selenide Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.3.5 Avantama Recent Developments/Updates
- 7.3.6 Avantama Competitive Strengths & Weaknesses
- 7.4 Mesolight
 - 7.4.1 Mesolight Details
 - 7.4.2 Mesolight Major Business
 - 7.4.3 Mesolight Zinc Selenide Quantum Dots Product and Services
 - 7.4.4 Mesolight Zinc Selenide Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.4.5 Mesolight Recent Developments/Updates
 - 7.4.6 Mesolight Competitive Strengths & Weaknesses
- 7.5 Thermo Fisher Scientific
 - 7.5.1 Thermo Fisher Scientific Details
 - 7.5.2 Thermo Fisher Scientific Major Business
 - 7.5.3 Thermo Fisher Scientific Zinc Selenide Quantum Dots Product and Services
 - 7.5.4 Thermo Fisher Scientific Zinc Selenide Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 Thermo Fisher Scientific Recent Developments/Updates
 - 7.5.6 Thermo Fisher Scientific Competitive Strengths & Weaknesses
- 7.6 Nanografi Nano Technology
 - 7.6.1 Nanografi Nano Technology Details
 - 7.6.2 Nanografi Nano Technology Major Business
 - 7.6.3 Nanografi Nano Technology Zinc Selenide Quantum Dots Product and Services
 - 7.6.4 Nanografi Nano Technology Zinc Selenide Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 Nanografi Nano Technology Recent Developments/Updates
 - 7.6.6 Nanografi Nano Technology Competitive Strengths & Weaknesses
- 7.7 Strem Chemicals
 - 7.7.1 Strem Chemicals Details
 - 7.7.2 Strem Chemicals Major Business
 - 7.7.3 Strem Chemicals Zinc Selenide Quantum Dots Product and Services
 - 7.7.4 Strem Chemicals Zinc Selenide Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 Strem Chemicals Recent Developments/Updates
 - 7.7.6 Strem Chemicals Competitive Strengths & Weaknesses
- 7.8 Abraxis
 - 7.8.1 Abraxis Details
 - 7.8.2 Abraxis Major Business
 - 7.8.3 Abraxis Zinc Selenide Quantum Dots Product and Services
 - 7.8.4 Abraxis Zinc Selenide Quantum Dots Production, Price, Value, Gross Margin and

Market Share (2018-2023)

7.8.5 Abraxis Recent Developments/Updates

7.8.6 Abraxis Competitive Strengths & Weaknesses

7.9 NNCrystal

7.9.1 NNCrystal Details

7.9.2 NNCrystal Major Business

7.9.3 NNCrystal Zinc Selenide Quantum Dots Product and Services

7.9.4 NNCrystal Zinc Selenide Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 NNCrystal Recent Developments/Updates

7.9.6 NNCrystal 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 Zinc Selenide Quantum Dots Product and Services

7.10.4 American Elements Zinc Selenide 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 CD Bioparticles

7.11.1 CD Bioparticles Details

7.11.2 CD Bioparticles Major Business

7.11.3 CD Bioparticles Zinc Selenide Quantum Dots Product and Services

7.11.4 CD Bioparticles Zinc Selenide Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.11.5 CD Bioparticles Recent Developments/Updates

7.11.6 CD Bioparticles Competitive Strengths & Weaknesses

7.12 Nanochemazone

7.12.1 Nanochemazone Details

7.12.2 Nanochemazone Major Business

7.12.3 Nanochemazone Zinc Selenide Quantum Dots Product and Services

7.12.4 Nanochemazone Zinc Selenide Quantum Dots Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.12.5 Nanochemazone Recent Developments/Updates

7.12.6 Nanochemazone Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Zinc Selenide Quantum Dots Industry Chain

- 8.2 Zinc Selenide Quantum Dots Upstream Analysis
 - 8.2.1 Zinc Selenide Quantum Dots Core Raw Materials
 - 8.2.2 Main Manufacturers of Zinc Selenide Quantum Dots Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Zinc Selenide Quantum Dots Production Mode
- 8.6 Zinc Selenide Quantum Dots Procurement Model
- 8.7 Zinc Selenide Quantum Dots Industry Sales Model and Sales Channels
 - 8.7.1 Zinc Selenide Quantum Dots Sales Model
 - 8.7.2 Zinc Selenide 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 Zinc Selenide Quantum Dots Production Value by Region (2018, 2022 and 2029) & (USD Million)

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

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

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

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

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

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

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

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

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

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

Table 12. Zinc Selenide Quantum Dots Major Market Trends

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

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

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

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

Table 17. Production Value Market Share of Key Zinc Selenide Quantum Dots Producers in 2022

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

Table 19. Production Market Share of Key Zinc Selenide Quantum Dots Producers in 2022

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

Table 21. Global Zinc Selenide Quantum Dots Company Evaluation Quadrant

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

Table 23. Head Office and Zinc Selenide Quantum Dots Production Site of Key Manufacturer

Table 24. Zinc Selenide Quantum Dots Market: Company Product Type Footprint

Table 25. Zinc Selenide Quantum Dots Market: Company Product Application Footprint

Table 26. Zinc Selenide Quantum Dots Competitive Factors

Table 27. Zinc Selenide Quantum Dots New Entrant and Capacity Expansion Plans

Table 28. Zinc Selenide Quantum Dots Mergers & Acquisitions Activity

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

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

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

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

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

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

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

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

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

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

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

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

Table 41. China Based Manufacturers Zinc Selenide Quantum Dots Production Market

Share (2018-2023)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table 61. US Research Nanomaterials Basic Information, Manufacturing Base and Competitors

Table 62. US Research Nanomaterials Major Business

Table 63. US Research Nanomaterials Zinc Selenide Quantum Dots Product and Services

Table 64. US Research Nanomaterials Zinc Selenide Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. US Research Nanomaterials Recent Developments/Updates

Table 66. US Research Nanomaterials Competitive Strengths & Weaknesses

Table 67. Nanoshel Basic Information, Manufacturing Base and Competitors

Table 68. Nanoshel Major Business

Table 69. Nanoshel Zinc Selenide Quantum Dots Product and Services

Table 70. Nanoshel Zinc Selenide Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Nanoshel Recent Developments/Updates

Table 72. Nanoshel Competitive Strengths & Weaknesses

Table 73. Avantama Basic Information, Manufacturing Base and Competitors

Table 74. Avantama Major Business

Table 75. Avantama Zinc Selenide Quantum Dots Product and Services

Table 76. Avantama Zinc Selenide Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Avantama Recent Developments/Updates

Table 78. Avantama Competitive Strengths & Weaknesses

Table 79. Mesolight Basic Information, Manufacturing Base and Competitors

Table 80. Mesolight Major Business

Table 81. Mesolight Zinc Selenide Quantum Dots Product and Services

Table 82. Mesolight Zinc Selenide Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Mesolight Recent Developments/Updates

Table 84. Mesolight Competitive Strengths & Weaknesses

Table 85. Thermo Fisher Scientific Basic Information, Manufacturing Base and Competitors

Table 86. Thermo Fisher Scientific Major Business

Table 87. Thermo Fisher Scientific Zinc Selenide Quantum Dots Product and Services

Table 88. Thermo Fisher Scientific Zinc Selenide Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Thermo Fisher Scientific Recent Developments/Updates

Table 90. Thermo Fisher Scientific Competitive Strengths & Weaknesses

Table 91. Nanografi Nano Technology Basic Information, Manufacturing Base and

Competitors

Table 92. Nanografi Nano Technology Major Business

Table 93. Nanografi Nano Technology Zinc Selenide Quantum Dots Product and Services

Table 94. Nanografi Nano Technology Zinc Selenide Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Nanografi Nano Technology Recent Developments/Updates

Table 96. Nanografi Nano Technology Competitive Strengths & Weaknesses

Table 97. Strem Chemicals Basic Information, Manufacturing Base and Competitors

Table 98. Strem Chemicals Major Business

Table 99. Strem Chemicals Zinc Selenide Quantum Dots Product and Services

Table 100. Strem Chemicals Zinc Selenide Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Strem Chemicals Recent Developments/Updates

Table 102. Strem Chemicals Competitive Strengths & Weaknesses

Table 103. Abraxis Basic Information, Manufacturing Base and Competitors

Table 104. Abraxis Major Business

Table 105. Abraxis Zinc Selenide Quantum Dots Product and Services

Table 106. Abraxis Zinc Selenide Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Abraxis Recent Developments/Updates

Table 108. Abraxis Competitive Strengths & Weaknesses

Table 109. NNCrystal Basic Information, Manufacturing Base and Competitors

Table 110. NNCrystal Major Business

Table 111. NNCrystal Zinc Selenide Quantum Dots Product and Services

Table 112. NNCrystal Zinc Selenide Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. NNCrystal Recent Developments/Updates

Table 114. NNCrystal Competitive Strengths & Weaknesses

Table 115. American Elements Basic Information, Manufacturing Base and Competitors

Table 116. American Elements Major Business

Table 117. American Elements Zinc Selenide Quantum Dots Product and Services

Table 118. American Elements Zinc Selenide 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. CD Bioparticles Basic Information, Manufacturing Base and Competitors

Table 122. CD Bioparticles Major Business

Table 123. CD Bioparticles Zinc Selenide Quantum Dots Product and Services

Table 124. CD Bioparticles Zinc Selenide Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. CD Bioparticles Recent Developments/Updates

Table 126. Nanochemazone Basic Information, Manufacturing Base and Competitors

Table 127. Nanochemazone Major Business

Table 128. Nanochemazone Zinc Selenide Quantum Dots Product and Services

Table 129. Nanochemazone Zinc Selenide Quantum Dots Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 130. Global Key Players of Zinc Selenide Quantum Dots Upstream (Raw Materials)

Table 131. Zinc Selenide Quantum Dots Typical Customers

Table 132. Zinc Selenide Quantum Dots Typical Distributors

List of Figure

Figure 1. Zinc Selenide Quantum Dots Picture

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

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

Figure 4. World Zinc Selenide Quantum Dots Production (2018-2029) & (Tons)

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

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

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

Figure 8. North America Zinc Selenide Quantum Dots Production (2018-2029) & (Tons)

Figure 9. Europe Zinc Selenide Quantum Dots Production (2018-2029) & (Tons)

Figure 10. China Zinc Selenide Quantum Dots Production (2018-2029) & (Tons)

Figure 11. Japan Zinc Selenide Quantum Dots Production (2018-2029) & (Tons)

Figure 12. Zinc Selenide Quantum Dots Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Zinc Selenide Quantum Dots Consumption (2018-2029) & (Tons)

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

Figure 16. United States Zinc Selenide Quantum Dots Consumption (2018-2029) &

(Tons)

Figure 17. China Zinc Selenide Quantum Dots Consumption (2018-2029) & (Tons)

Figure 18. Europe Zinc Selenide Quantum Dots Consumption (2018-2029) & (Tons)

Figure 19. Japan Zinc Selenide Quantum Dots Consumption (2018-2029) & (Tons)

Figure 20. South Korea Zinc Selenide Quantum Dots Consumption (2018-2029) & (Tons)

Figure 21. ASEAN Zinc Selenide Quantum Dots Consumption (2018-2029) & (Tons)

Figure 22. India Zinc Selenide Quantum Dots Consumption (2018-2029) & (Tons)

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

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

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

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

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

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

Figure 29. United States Based Manufacturers Zinc Selenide Quantum Dots Production Market Share 2022

Figure 30. China Based Manufacturers Zinc Selenide Quantum Dots Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Zinc Selenide Quantum Dots Production Market Share 2022

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

Figure 33. World Zinc Selenide Quantum Dots Production Value Market Share by Type in 2022

Figure 34. Spherical ZnSe QDs

Figure 35. Rod-shaped ZnSe QDs

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

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

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

Figure 39. World Zinc Selenide Quantum Dots Production Value by Application, (USD

Million), 2018 & 2022 & 2029

Figure 40. World Zinc Selenide Quantum Dots Production Value Market Share by Application in 2022

Figure 41. Fluorescence Imaging

Figure 42. Light-emitting Diodes (LEDs)

Figure 43. Solar Cells

Figure 44. Sensors

Figure 45. Others

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

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

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

Figure 49. Zinc Selenide Quantum Dots Industry Chain

Figure 50. Zinc Selenide Quantum Dots Procurement Model

Figure 51. Zinc Selenide Quantum Dots Sales Model

Figure 52. Zinc Selenide Quantum Dots Sales Channels, Direct Sales, and Distribution

Figure 53. Methodology

Figure 54. Research Process and Data Source

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