

Global High Purity Single-Element 2D Materials Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G0EC3D599B4DEN.html>

Date: September 2023

Pages: 118

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

ID: G0EC3D599B4DEN

Abstracts

According to our (Global Info Research) latest study, the global High Purity Single-Element 2D Materials market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period.

The Global Info Research report includes an overview of the development of the High Purity Single-Element 2D Materials industry chain, the market status of Semiconductor (Graphene, Phosphorene), Composite Materials (Graphene, Phosphorene), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of High Purity Single-Element 2D Materials.

Regionally, the report analyzes the High Purity Single-Element 2D Materials markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global High Purity Single-Element 2D Materials market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the High Purity Single-Element 2D Materials market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the High Purity Single-Element 2D Materials industry.

The report involves analyzing the market at a macro level:

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

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the High Purity Single-Element 2D Materials market.

Regional Analysis: The report involves examining the High Purity Single-Element 2D Materials market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the High Purity Single-Element 2D Materials market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to High Purity Single-Element 2D Materials:

Company Analysis: Report covers individual High Purity Single-Element 2D Materials manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards High Purity Single-Element 2D Materials This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Semiconductor, Composite Materials).

Technology Analysis: Report covers specific technologies relevant to High Purity Single-Element 2D Materials. It assesses the current state, advancements, and potential future developments in High Purity Single-Element 2D Materials areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers,

the report present insights into the competitive landscape of the High Purity Single-Element 2D Materials market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

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

Market Segmentation

High Purity Single-Element 2D Materials market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Graphene

Phosphorene

Other

Market segment by Application

Semiconductor

Composite Materials

Ink & Coatings

Biomedical

Scientific Research

Other

Major players covered

ACS Material

2D Semiconductors

American Elements

XG Science

Angstrom Materials

Vorbeck Materials

Applied Graphene Materials

NanoXplore

Sixth Element

Nanochemazone

HQ Graphene

Manchester Nanomaterials

WEISTRON

Smart-elements

Mophos

6Carbon Technology

Taizhou Sunano Energy

Ningbo Morsh Technology

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

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

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

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

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

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

Chapter 1, to describe High Purity Single-Element 2D Materials product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of High Purity Single-Element 2D Materials, with price, sales, revenue and global market share of High Purity Single-Element 2D Materials from 2018 to 2023.

Chapter 3, the High Purity Single-Element 2D Materials competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the High Purity Single-Element 2D Materials breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and High Purity Single-Element 2D Materials market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

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

Chapter 13, the key raw materials and key suppliers, and industry chain of High Purity Single-Element 2D Materials.

Chapter 14 and 15, to describe High Purity Single-Element 2D Materials sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of High Purity Single-Element 2D Materials
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global High Purity Single-Element 2D Materials Consumption Value by Type: 2018 Versus 2022 Versus 2029
 - 1.3.2 Graphene
 - 1.3.3 Phosphorene
 - 1.3.4 Other
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global High Purity Single-Element 2D Materials Consumption Value by Application: 2018 Versus 2022 Versus 2029
 - 1.4.2 Semiconductor
 - 1.4.3 Composite Materials
 - 1.4.4 Ink & Coatings
 - 1.4.5 Biomedical
 - 1.4.6 Scientific Research
 - 1.4.7 Other
- 1.5 Global High Purity Single-Element 2D Materials Market Size & Forecast
 - 1.5.1 Global High Purity Single-Element 2D Materials Consumption Value (2018 & 2022 & 2029)
 - 1.5.2 Global High Purity Single-Element 2D Materials Sales Quantity (2018-2029)
 - 1.5.3 Global High Purity Single-Element 2D Materials Average Price (2018-2029)

2 MANUFACTURERS PROFILES

- 2.1 ACS Material
 - 2.1.1 ACS Material Details
 - 2.1.2 ACS Material Major Business
 - 2.1.3 ACS Material High Purity Single-Element 2D Materials Product and Services
 - 2.1.4 ACS Material High Purity Single-Element 2D Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.1.5 ACS Material Recent Developments/Updates
- 2.2 2D Semiconductors
 - 2.2.1 2D Semiconductors Details
 - 2.2.2 2D Semiconductors Major Business

2.2.3 2D Semiconductors High Purity Single-Element 2D Materials Product and Services

2.2.4 2D Semiconductors High Purity Single-Element 2D Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.2.5 2D Semiconductors Recent Developments/Updates

2.3 American Elements

2.3.1 American Elements Details

2.3.2 American Elements Major Business

2.3.3 American Elements High Purity Single-Element 2D Materials Product and Services

2.3.4 American Elements High Purity Single-Element 2D Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 American Elements Recent Developments/Updates

2.4 XG Science

2.4.1 XG Science Details

2.4.2 XG Science Major Business

2.4.3 XG Science High Purity Single-Element 2D Materials Product and Services

2.4.4 XG Science High Purity Single-Element 2D Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 XG Science Recent Developments/Updates

2.5 Angstrom Materials

2.5.1 Angstrom Materials Details

2.5.2 Angstrom Materials Major Business

2.5.3 Angstrom Materials High Purity Single-Element 2D Materials Product and Services

2.5.4 Angstrom Materials High Purity Single-Element 2D Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 Angstrom Materials Recent Developments/Updates

2.6 Vorbeck Materials

2.6.1 Vorbeck Materials Details

2.6.2 Vorbeck Materials Major Business

2.6.3 Vorbeck Materials High Purity Single-Element 2D Materials Product and Services

2.6.4 Vorbeck Materials High Purity Single-Element 2D Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 Vorbeck Materials Recent Developments/Updates

2.7 Applied Graphene Materials

2.7.1 Applied Graphene Materials Details

2.7.2 Applied Graphene Materials Major Business

2.7.3 Applied Graphene Materials High Purity Single-Element 2D Materials Product

and Services

2.7.4 Applied Graphene Materials High Purity Single-Element 2D Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 Applied Graphene Materials Recent Developments/Updates

2.8 NanoXplore

2.8.1 NanoXplore Details

2.8.2 NanoXplore Major Business

2.8.3 NanoXplore High Purity Single-Element 2D Materials Product and Services

2.8.4 NanoXplore High Purity Single-Element 2D Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 NanoXplore Recent Developments/Updates

2.9 Sixth Element

2.9.1 Sixth Element Details

2.9.2 Sixth Element Major Business

2.9.3 Sixth Element High Purity Single-Element 2D Materials Product and Services

2.9.4 Sixth Element High Purity Single-Element 2D Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 Sixth Element Recent Developments/Updates

2.10 Nanochemazone

2.10.1 Nanochemazone Details

2.10.2 Nanochemazone Major Business

2.10.3 Nanochemazone High Purity Single-Element 2D Materials Product and Services

2.10.4 Nanochemazone High Purity Single-Element 2D Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.10.5 Nanochemazone Recent Developments/Updates

2.11 HQ Graphene

2.11.1 HQ Graphene Details

2.11.2 HQ Graphene Major Business

2.11.3 HQ Graphene High Purity Single-Element 2D Materials Product and Services

2.11.4 HQ Graphene High Purity Single-Element 2D Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.11.5 HQ Graphene Recent Developments/Updates

2.12 Manchester Nanomaterials

2.12.1 Manchester Nanomaterials Details

2.12.2 Manchester Nanomaterials Major Business

2.12.3 Manchester Nanomaterials High Purity Single-Element 2D Materials Product and Services

2.12.4 Manchester Nanomaterials High Purity Single-Element 2D Materials Sales

Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.12.5 Manchester Nanomaterials Recent Developments/Updates

2.13 WEISTRON

2.13.1 WEISTRON Details

2.13.2 WEISTRON Major Business

2.13.3 WEISTRON High Purity Single-Element 2D Materials Product and Services

2.13.4 WEISTRON High Purity Single-Element 2D Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.13.5 WEISTRON Recent Developments/Updates

2.14 Smart-elements

2.14.1 Smart-elements Details

2.14.2 Smart-elements Major Business

2.14.3 Smart-elements High Purity Single-Element 2D Materials Product and Services

2.14.4 Smart-elements High Purity Single-Element 2D Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.14.5 Smart-elements Recent Developments/Updates

2.15 Mophos

2.15.1 Mophos Details

2.15.2 Mophos Major Business

2.15.3 Mophos High Purity Single-Element 2D Materials Product and Services

2.15.4 Mophos High Purity Single-Element 2D Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.15.5 Mophos Recent Developments/Updates

2.16 6Carbon Technology

2.16.1 6Carbon Technology Details

2.16.2 6Carbon Technology Major Business

2.16.3 6Carbon Technology High Purity Single-Element 2D Materials Product and Services

2.16.4 6Carbon Technology High Purity Single-Element 2D Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.16.5 6Carbon Technology Recent Developments/Updates

2.17 Taizhou Sunano Energy

2.17.1 Taizhou Sunano Energy Details

2.17.2 Taizhou Sunano Energy Major Business

2.17.3 Taizhou Sunano Energy High Purity Single-Element 2D Materials Product and Services

2.17.4 Taizhou Sunano Energy High Purity Single-Element 2D Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.17.5 Taizhou Sunano Energy Recent Developments/Updates

2.18 Ningbo Morsh Technology

2.18.1 Ningbo Morsh Technology Details

2.18.2 Ningbo Morsh Technology Major Business

2.18.3 Ningbo Morsh Technology High Purity Single-Element 2D Materials Product and Services

2.18.4 Ningbo Morsh Technology High Purity Single-Element 2D Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.18.5 Ningbo Morsh Technology Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: HIGH PURITY SINGLE-ELEMENT 2D MATERIALS BY MANUFACTURER

3.1 Global High Purity Single-Element 2D Materials Sales Quantity by Manufacturer (2018-2023)

3.2 Global High Purity Single-Element 2D Materials Revenue by Manufacturer (2018-2023)

3.3 Global High Purity Single-Element 2D Materials Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of High Purity Single-Element 2D Materials by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 High Purity Single-Element 2D Materials Manufacturer Market Share in 2022

3.4.2 Top 6 High Purity Single-Element 2D Materials Manufacturer Market Share in 2022

3.5 High Purity Single-Element 2D Materials Market: Overall Company Footprint Analysis

3.5.1 High Purity Single-Element 2D Materials Market: Region Footprint

3.5.2 High Purity Single-Element 2D Materials Market: Company Product Type Footprint

3.5.3 High Purity Single-Element 2D Materials Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global High Purity Single-Element 2D Materials Market Size by Region

4.1.1 Global High Purity Single-Element 2D Materials Sales Quantity by Region

(2018-2029)

4.1.2 Global High Purity Single-Element 2D Materials Consumption Value by Region
(2018-2029)

4.1.3 Global High Purity Single-Element 2D Materials Average Price by Region
(2018-2029)

4.2 North America High Purity Single-Element 2D Materials Consumption Value
(2018-2029)

4.3 Europe High Purity Single-Element 2D Materials Consumption Value (2018-2029)

4.4 Asia-Pacific High Purity Single-Element 2D Materials Consumption Value
(2018-2029)

4.5 South America High Purity Single-Element 2D Materials Consumption Value
(2018-2029)

4.6 Middle East and Africa High Purity Single-Element 2D Materials Consumption Value
(2018-2029)

5 MARKET SEGMENT BY TYPE

5.1 Global High Purity Single-Element 2D Materials Sales Quantity by Type
(2018-2029)

5.2 Global High Purity Single-Element 2D Materials Consumption Value by Type
(2018-2029)

5.3 Global High Purity Single-Element 2D Materials Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global High Purity Single-Element 2D Materials Sales Quantity by Application
(2018-2029)

6.2 Global High Purity Single-Element 2D Materials Consumption Value by Application
(2018-2029)

6.3 Global High Purity Single-Element 2D Materials Average Price by Application
(2018-2029)

7 NORTH AMERICA

7.1 North America High Purity Single-Element 2D Materials Sales Quantity by Type
(2018-2029)

7.2 North America High Purity Single-Element 2D Materials Sales Quantity by
Application (2018-2029)

7.3 North America High Purity Single-Element 2D Materials Market Size by Country

7.3.1 North America High Purity Single-Element 2D Materials Sales Quantity by Country (2018-2029)

7.3.2 North America High Purity Single-Element 2D Materials Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

8.1 Europe High Purity Single-Element 2D Materials Sales Quantity by Type (2018-2029)

8.2 Europe High Purity Single-Element 2D Materials Sales Quantity by Application (2018-2029)

8.3 Europe High Purity Single-Element 2D Materials Market Size by Country

8.3.1 Europe High Purity Single-Element 2D Materials Sales Quantity by Country (2018-2029)

8.3.2 Europe High Purity Single-Element 2D Materials Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

9.1 Asia-Pacific High Purity Single-Element 2D Materials Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific High Purity Single-Element 2D Materials Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific High Purity Single-Element 2D Materials Market Size by Region

9.3.1 Asia-Pacific High Purity Single-Element 2D Materials Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific High Purity Single-Element 2D Materials Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

- 9.3.6 India Market Size and Forecast (2018-2029)
- 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
- 9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

- 10.1 South America High Purity Single-Element 2D Materials Sales Quantity by Type (2018-2029)
- 10.2 South America High Purity Single-Element 2D Materials Sales Quantity by Application (2018-2029)
- 10.3 South America High Purity Single-Element 2D Materials Market Size by Country
 - 10.3.1 South America High Purity Single-Element 2D Materials Sales Quantity by Country (2018-2029)
 - 10.3.2 South America High Purity Single-Element 2D Materials Consumption Value by Country (2018-2029)
 - 10.3.3 Brazil Market Size and Forecast (2018-2029)
 - 10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa High Purity Single-Element 2D Materials Sales Quantity by Type (2018-2029)
- 11.2 Middle East & Africa High Purity Single-Element 2D Materials Sales Quantity by Application (2018-2029)
- 11.3 Middle East & Africa High Purity Single-Element 2D Materials Market Size by Country
 - 11.3.1 Middle East & Africa High Purity Single-Element 2D Materials Sales Quantity by Country (2018-2029)
 - 11.3.2 Middle East & Africa High Purity Single-Element 2D Materials Consumption Value by Country (2018-2029)
 - 11.3.3 Turkey Market Size and Forecast (2018-2029)
 - 11.3.4 Egypt Market Size and Forecast (2018-2029)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)
 - 11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

- 12.1 High Purity Single-Element 2D Materials Market Drivers
- 12.2 High Purity Single-Element 2D Materials Market Restraints

12.3 High Purity Single-Element 2D Materials Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of High Purity Single-Element 2D Materials and Key Manufacturers

13.2 Manufacturing Costs Percentage of High Purity Single-Element 2D Materials

13.3 High Purity Single-Element 2D Materials Production Process

13.4 High Purity Single-Element 2D Materials Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 High Purity Single-Element 2D Materials Typical Distributors

14.3 High Purity Single-Element 2D Materials Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global High Purity Single-Element 2D Materials Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global High Purity Single-Element 2D Materials Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. ACS Material Basic Information, Manufacturing Base and Competitors

Table 4. ACS Material Major Business

Table 5. ACS Material High Purity Single-Element 2D Materials Product and Services

Table 6. ACS Material High Purity Single-Element 2D Materials Sales Quantity (kg), Average Price (k US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. ACS Material Recent Developments/Updates

Table 8. 2D Semiconductors Basic Information, Manufacturing Base and Competitors

Table 9. 2D Semiconductors Major Business

Table 10. 2D Semiconductors High Purity Single-Element 2D Materials Product and Services

Table 11. 2D Semiconductors High Purity Single-Element 2D Materials Sales Quantity (kg), Average Price (k US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. 2D Semiconductors Recent Developments/Updates

Table 13. American Elements Basic Information, Manufacturing Base and Competitors

Table 14. American Elements Major Business

Table 15. American Elements High Purity Single-Element 2D Materials Product and Services

Table 16. American Elements High Purity Single-Element 2D Materials Sales Quantity (kg), Average Price (k US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. American Elements Recent Developments/Updates

Table 18. XG Science Basic Information, Manufacturing Base and Competitors

Table 19. XG Science Major Business

Table 20. XG Science High Purity Single-Element 2D Materials Product and Services

Table 21. XG Science High Purity Single-Element 2D Materials Sales Quantity (kg), Average Price (k US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. XG Science Recent Developments/Updates

Table 23. Angstrom Materials Basic Information, Manufacturing Base and Competitors

Table 24. Angstrom Materials Major Business

Table 25. Angstrom Materials High Purity Single-Element 2D Materials Product and Services

Table 26. Angstrom Materials High Purity Single-Element 2D Materials Sales Quantity (kg), Average Price (k US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Angstrom Materials Recent Developments/Updates

Table 28. Vorbeck Materials Basic Information, Manufacturing Base and Competitors

Table 29. Vorbeck Materials Major Business

Table 30. Vorbeck Materials High Purity Single-Element 2D Materials Product and Services

Table 31. Vorbeck Materials High Purity Single-Element 2D Materials Sales Quantity (kg), Average Price (k US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Vorbeck Materials Recent Developments/Updates

Table 33. Applied Graphene Materials Basic Information, Manufacturing Base and Competitors

Table 34. Applied Graphene Materials Major Business

Table 35. Applied Graphene Materials High Purity Single-Element 2D Materials Product and Services

Table 36. Applied Graphene Materials High Purity Single-Element 2D Materials Sales Quantity (kg), Average Price (k US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Applied Graphene Materials Recent Developments/Updates

Table 38. NanoXplore Basic Information, Manufacturing Base and Competitors

Table 39. NanoXplore Major Business

Table 40. NanoXplore High Purity Single-Element 2D Materials Product and Services

Table 41. NanoXplore High Purity Single-Element 2D Materials Sales Quantity (kg), Average Price (k US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. NanoXplore Recent Developments/Updates

Table 43. Sixth Element Basic Information, Manufacturing Base and Competitors

Table 44. Sixth Element Major Business

Table 45. Sixth Element High Purity Single-Element 2D Materials Product and Services

Table 46. Sixth Element High Purity Single-Element 2D Materials Sales Quantity (kg), Average Price (k US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Sixth Element Recent Developments/Updates

Table 48. Nanochemazone Basic Information, Manufacturing Base and Competitors

Table 49. Nanochemazone Major Business

Table 50. Nanochemazone High Purity Single-Element 2D Materials Product and Services

Table 51. Nanochemazone High Purity Single-Element 2D Materials Sales Quantity (kg), Average Price (k US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. Nanochemazone Recent Developments/Updates

Table 53. HQ Graphene Basic Information, Manufacturing Base and Competitors

Table 54. HQ Graphene Major Business

Table 55. HQ Graphene High Purity Single-Element 2D Materials Product and Services

Table 56. HQ Graphene High Purity Single-Element 2D Materials Sales Quantity (kg), Average Price (k US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. HQ Graphene Recent Developments/Updates

Table 58. Manchester Nanomaterials Basic Information, Manufacturing Base and Competitors

Table 59. Manchester Nanomaterials Major Business

Table 60. Manchester Nanomaterials High Purity Single-Element 2D Materials Product and Services

Table 61. Manchester Nanomaterials High Purity Single-Element 2D Materials Sales Quantity (kg), Average Price (k US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. Manchester Nanomaterials Recent Developments/Updates

Table 63. WEISTRON Basic Information, Manufacturing Base and Competitors

Table 64. WEISTRON Major Business

Table 65. WEISTRON High Purity Single-Element 2D Materials Product and Services

Table 66. WEISTRON High Purity Single-Element 2D Materials Sales Quantity (kg), Average Price (k US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. WEISTRON Recent Developments/Updates

Table 68. Smart-elements Basic Information, Manufacturing Base and Competitors

Table 69. Smart-elements Major Business

Table 70. Smart-elements High Purity Single-Element 2D Materials Product and Services

Table 71. Smart-elements High Purity Single-Element 2D Materials Sales Quantity (kg), Average Price (k US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. Smart-elements Recent Developments/Updates

Table 73. Mophos Basic Information, Manufacturing Base and Competitors

Table 74. Mophos Major Business

Table 75. Mophos High Purity Single-Element 2D Materials Product and Services

Table 76. Mophos High Purity Single-Element 2D Materials Sales Quantity (kg), Average Price (k US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Mophos Recent Developments/Updates

Table 78. 6Carbon Technology Basic Information, Manufacturing Base and Competitors

Table 79. 6Carbon Technology Major Business

Table 80. 6Carbon Technology High Purity Single-Element 2D Materials Product and Services

Table 81. 6Carbon Technology High Purity Single-Element 2D Materials Sales Quantity (kg), Average Price (k US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 82. 6Carbon Technology Recent Developments/Updates

Table 83. Taizhou Sunano Energy Basic Information, Manufacturing Base and Competitors

Table 84. Taizhou Sunano Energy Major Business

Table 85. Taizhou Sunano Energy High Purity Single-Element 2D Materials Product and Services

Table 86. Taizhou Sunano Energy High Purity Single-Element 2D Materials Sales Quantity (kg), Average Price (k US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 87. Taizhou Sunano Energy Recent Developments/Updates

Table 88. Ningbo Morsh Technology Basic Information, Manufacturing Base and Competitors

Table 89. Ningbo Morsh Technology Major Business

Table 90. Ningbo Morsh Technology High Purity Single-Element 2D Materials Product and Services

Table 91. Ningbo Morsh Technology High Purity Single-Element 2D Materials Sales Quantity (kg), Average Price (k US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 92. Ningbo Morsh Technology Recent Developments/Updates

Table 93. Global High Purity Single-Element 2D Materials Sales Quantity by Manufacturer (2018-2023) & (kg)

Table 94. Global High Purity Single-Element 2D Materials Revenue by Manufacturer (2018-2023) & (USD Million)

Table 95. Global High Purity Single-Element 2D Materials Average Price by Manufacturer (2018-2023) & (k US\$/kg)

Table 96. Market Position of Manufacturers in High Purity Single-Element 2D Materials,

(Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 97. Head Office and High Purity Single-Element 2D Materials Production Site of Key Manufacturer

Table 98. High Purity Single-Element 2D Materials Market: Company Product Type Footprint

Table 99. High Purity Single-Element 2D Materials Market: Company Product Application Footprint

Table 100. High Purity Single-Element 2D Materials New Market Entrants and Barriers to Market Entry

Table 101. High Purity Single-Element 2D Materials Mergers, Acquisition, Agreements, and Collaborations

Table 102. Global High Purity Single-Element 2D Materials Sales Quantity by Region (2018-2023) & (kg)

Table 103. Global High Purity Single-Element 2D Materials Sales Quantity by Region (2024-2029) & (kg)

Table 104. Global High Purity Single-Element 2D Materials Consumption Value by Region (2018-2023) & (USD Million)

Table 105. Global High Purity Single-Element 2D Materials Consumption Value by Region (2024-2029) & (USD Million)

Table 106. Global High Purity Single-Element 2D Materials Average Price by Region (2018-2023) & (k US\$/kg)

Table 107. Global High Purity Single-Element 2D Materials Average Price by Region (2024-2029) & (k US\$/kg)

Table 108. Global High Purity Single-Element 2D Materials Sales Quantity by Type (2018-2023) & (kg)

Table 109. Global High Purity Single-Element 2D Materials Sales Quantity by Type (2024-2029) & (kg)

Table 110. Global High Purity Single-Element 2D Materials Consumption Value by Type (2018-2023) & (USD Million)

Table 111. Global High Purity Single-Element 2D Materials Consumption Value by Type (2024-2029) & (USD Million)

Table 112. Global High Purity Single-Element 2D Materials Average Price by Type (2018-2023) & (k US\$/kg)

Table 113. Global High Purity Single-Element 2D Materials Average Price by Type (2024-2029) & (k US\$/kg)

Table 114. Global High Purity Single-Element 2D Materials Sales Quantity by Application (2018-2023) & (kg)

Table 115. Global High Purity Single-Element 2D Materials Sales Quantity by Application (2024-2029) & (kg)

Table 116. Global High Purity Single-Element 2D Materials Consumption Value by Application (2018-2023) & (USD Million)

Table 117. Global High Purity Single-Element 2D Materials Consumption Value by Application (2024-2029) & (USD Million)

Table 118. Global High Purity Single-Element 2D Materials Average Price by Application (2018-2023) & (k US\$/kg)

Table 119. Global High Purity Single-Element 2D Materials Average Price by Application (2024-2029) & (k US\$/kg)

Table 120. North America High Purity Single-Element 2D Materials Sales Quantity by Type (2018-2023) & (kg)

Table 121. North America High Purity Single-Element 2D Materials Sales Quantity by Type (2024-2029) & (kg)

Table 122. North America High Purity Single-Element 2D Materials Sales Quantity by Application (2018-2023) & (kg)

Table 123. North America High Purity Single-Element 2D Materials Sales Quantity by Application (2024-2029) & (kg)

Table 124. North America High Purity Single-Element 2D Materials Sales Quantity by Country (2018-2023) & (kg)

Table 125. North America High Purity Single-Element 2D Materials Sales Quantity by Country (2024-2029) & (kg)

Table 126. North America High Purity Single-Element 2D Materials Consumption Value by Country (2018-2023) & (USD Million)

Table 127. North America High Purity Single-Element 2D Materials Consumption Value by Country (2024-2029) & (USD Million)

Table 128. Europe High Purity Single-Element 2D Materials Sales Quantity by Type (2018-2023) & (kg)

Table 129. Europe High Purity Single-Element 2D Materials Sales Quantity by Type (2024-2029) & (kg)

Table 130. Europe High Purity Single-Element 2D Materials Sales Quantity by Application (2018-2023) & (kg)

Table 131. Europe High Purity Single-Element 2D Materials Sales Quantity by Application (2024-2029) & (kg)

Table 132. Europe High Purity Single-Element 2D Materials Sales Quantity by Country (2018-2023) & (kg)

Table 133. Europe High Purity Single-Element 2D Materials Sales Quantity by Country (2024-2029) & (kg)

Table 134. Europe High Purity Single-Element 2D Materials Consumption Value by Country (2018-2023) & (USD Million)

Table 135. Europe High Purity Single-Element 2D Materials Consumption Value by

Country (2024-2029) & (USD Million)

Table 136. Asia-Pacific High Purity Single-Element 2D Materials Sales Quantity by Type (2018-2023) & (kg)

Table 137. Asia-Pacific High Purity Single-Element 2D Materials Sales Quantity by Type (2024-2029) & (kg)

Table 138. Asia-Pacific High Purity Single-Element 2D Materials Sales Quantity by Application (2018-2023) & (kg)

Table 139. Asia-Pacific High Purity Single-Element 2D Materials Sales Quantity by Application (2024-2029) & (kg)

Table 140. Asia-Pacific High Purity Single-Element 2D Materials Sales Quantity by Region (2018-2023) & (kg)

Table 141. Asia-Pacific High Purity Single-Element 2D Materials Sales Quantity by Region (2024-2029) & (kg)

Table 142. Asia-Pacific High Purity Single-Element 2D Materials Consumption Value by Region (2018-2023) & (USD Million)

Table 143. Asia-Pacific High Purity Single-Element 2D Materials Consumption Value by Region (2024-2029) & (USD Million)

Table 144. South America High Purity Single-Element 2D Materials Sales Quantity by Type (2018-2023) & (kg)

Table 145. South America High Purity Single-Element 2D Materials Sales Quantity by Type (2024-2029) & (kg)

Table 146. South America High Purity Single-Element 2D Materials Sales Quantity by Application (2018-2023) & (kg)

Table 147. South America High Purity Single-Element 2D Materials Sales Quantity by Application (2024-2029) & (kg)

Table 148. South America High Purity Single-Element 2D Materials Sales Quantity by Country (2018-2023) & (kg)

Table 149. South America High Purity Single-Element 2D Materials Sales Quantity by Country (2024-2029) & (kg)

Table 150. South America High Purity Single-Element 2D Materials Consumption Value by Country (2018-2023) & (USD Million)

Table 151. South America High Purity Single-Element 2D Materials Consumption Value by Country (2024-2029) & (USD Million)

Table 152. Middle East & Africa High Purity Single-Element 2D Materials Sales Quantity by Type (2018-2023) & (kg)

Table 153. Middle East & Africa High Purity Single-Element 2D Materials Sales Quantity by Type (2024-2029) & (kg)

Table 154. Middle East & Africa High Purity Single-Element 2D Materials Sales Quantity by Application (2018-2023) & (kg)

Table 155. Middle East & Africa High Purity Single-Element 2D Materials Sales Quantity by Application (2024-2029) & (kg)

Table 156. Middle East & Africa High Purity Single-Element 2D Materials Sales Quantity by Region (2018-2023) & (kg)

Table 157. Middle East & Africa High Purity Single-Element 2D Materials Sales Quantity by Region (2024-2029) & (kg)

Table 158. Middle East & Africa High Purity Single-Element 2D Materials Consumption Value by Region (2018-2023) & (USD Million)

Table 159. Middle East & Africa High Purity Single-Element 2D Materials Consumption Value by Region (2024-2029) & (USD Million)

Table 160. High Purity Single-Element 2D Materials Raw Material

Table 161. Key Manufacturers of High Purity Single-Element 2D Materials Raw Materials

Table 162. High Purity Single-Element 2D Materials Typical Distributors

Table 163. High Purity Single-Element 2D Materials Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. High Purity Single-Element 2D Materials Picture
- Figure 2. Global High Purity Single-Element 2D Materials Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 3. Global High Purity Single-Element 2D Materials Consumption Value Market Share by Type in 2022
- Figure 4. Graphene Examples
- Figure 5. Phosphorene Examples
- Figure 6. Other Examples
- Figure 7. Global High Purity Single-Element 2D Materials Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 8. Global High Purity Single-Element 2D Materials Consumption Value Market Share by Application in 2022
- Figure 9. Semiconductor Examples
- Figure 10. Composite Materials Examples
- Figure 11. Ink & Coatings Examples
- Figure 12. Biomedical Examples
- Figure 13. Scientific Research Examples
- Figure 14. Other Examples
- Figure 15. Global High Purity Single-Element 2D Materials Consumption Value, (USD Million): 2018 & 2022 & 2029
- Figure 16. Global High Purity Single-Element 2D Materials Consumption Value and Forecast (2018-2029) & (USD Million)
- Figure 17. Global High Purity Single-Element 2D Materials Sales Quantity (2018-2029) & (kg)
- Figure 18. Global High Purity Single-Element 2D Materials Average Price (2018-2029) & (k US\$/kg)
- Figure 19. Global High Purity Single-Element 2D Materials Sales Quantity Market Share by Manufacturer in 2022
- Figure 20. Global High Purity Single-Element 2D Materials Consumption Value Market Share by Manufacturer in 2022
- Figure 21. Producer Shipments of High Purity Single-Element 2D Materials by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021
- Figure 22. Top 3 High Purity Single-Element 2D Materials Manufacturer (Consumption Value) Market Share in 2022
- Figure 23. Top 6 High Purity Single-Element 2D Materials Manufacturer (Consumption

Value) Market Share in 2022

Figure 24. Global High Purity Single-Element 2D Materials Sales Quantity Market Share by Region (2018-2029)

Figure 25. Global High Purity Single-Element 2D Materials Consumption Value Market Share by Region (2018-2029)

Figure 26. North America High Purity Single-Element 2D Materials Consumption Value (2018-2029) & (USD Million)

Figure 27. Europe High Purity Single-Element 2D Materials Consumption Value (2018-2029) & (USD Million)

Figure 28. Asia-Pacific High Purity Single-Element 2D Materials Consumption Value (2018-2029) & (USD Million)

Figure 29. South America High Purity Single-Element 2D Materials Consumption Value (2018-2029) & (USD Million)

Figure 30. Middle East & Africa High Purity Single-Element 2D Materials Consumption Value (2018-2029) & (USD Million)

Figure 31. Global High Purity Single-Element 2D Materials Sales Quantity Market Share by Type (2018-2029)

Figure 32. Global High Purity Single-Element 2D Materials Consumption Value Market Share by Type (2018-2029)

Figure 33. Global High Purity Single-Element 2D Materials Average Price by Type (2018-2029) & (k US\$/kg)

Figure 34. Global High Purity Single-Element 2D Materials Sales Quantity Market Share by Application (2018-2029)

Figure 35. Global High Purity Single-Element 2D Materials Consumption Value Market Share by Application (2018-2029)

Figure 36. Global High Purity Single-Element 2D Materials Average Price by Application (2018-2029) & (k US\$/kg)

Figure 37. North America High Purity Single-Element 2D Materials Sales Quantity Market Share by Type (2018-2029)

Figure 38. North America High Purity Single-Element 2D Materials Sales Quantity Market Share by Application (2018-2029)

Figure 39. North America High Purity Single-Element 2D Materials Sales Quantity Market Share by Country (2018-2029)

Figure 40. North America High Purity Single-Element 2D Materials Consumption Value Market Share by Country (2018-2029)

Figure 41. United States High Purity Single-Element 2D Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Canada High Purity Single-Element 2D Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 43. Mexico High Purity Single-Element 2D Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 44. Europe High Purity Single-Element 2D Materials Sales Quantity Market Share by Type (2018-2029)

Figure 45. Europe High Purity Single-Element 2D Materials Sales Quantity Market Share by Application (2018-2029)

Figure 46. Europe High Purity Single-Element 2D Materials Sales Quantity Market Share by Country (2018-2029)

Figure 47. Europe High Purity Single-Element 2D Materials Consumption Value Market Share by Country (2018-2029)

Figure 48. Germany High Purity Single-Element 2D Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. France High Purity Single-Element 2D Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. United Kingdom High Purity Single-Element 2D Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Russia High Purity Single-Element 2D Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Italy High Purity Single-Element 2D Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Asia-Pacific High Purity Single-Element 2D Materials Sales Quantity Market Share by Type (2018-2029)

Figure 54. Asia-Pacific High Purity Single-Element 2D Materials Sales Quantity Market Share by Application (2018-2029)

Figure 55. Asia-Pacific High Purity Single-Element 2D Materials Sales Quantity Market Share by Region (2018-2029)

Figure 56. Asia-Pacific High Purity Single-Element 2D Materials Consumption Value Market Share by Region (2018-2029)

Figure 57. China High Purity Single-Element 2D Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Japan High Purity Single-Element 2D Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Korea High Purity Single-Element 2D Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. India High Purity Single-Element 2D Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. Southeast Asia High Purity Single-Element 2D Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. Australia High Purity Single-Element 2D Materials Consumption Value and

Growth Rate (2018-2029) & (USD Million)

Figure 63. South America High Purity Single-Element 2D Materials Sales Quantity Market Share by Type (2018-2029)

Figure 64. South America High Purity Single-Element 2D Materials Sales Quantity Market Share by Application (2018-2029)

Figure 65. South America High Purity Single-Element 2D Materials Sales Quantity Market Share by Country (2018-2029)

Figure 66. South America High Purity Single-Element 2D Materials Consumption Value Market Share by Country (2018-2029)

Figure 67. Brazil High Purity Single-Element 2D Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 68. Argentina High Purity Single-Element 2D Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 69. Middle East & Africa High Purity Single-Element 2D Materials Sales Quantity Market Share by Type (2018-2029)

Figure 70. Middle East & Africa High Purity Single-Element 2D Materials Sales Quantity Market Share by Application (2018-2029)

Figure 71. Middle East & Africa High Purity Single-Element 2D Materials Sales Quantity Market Share by Region (2018-2029)

Figure 72. Middle East & Africa High Purity Single-Element 2D Materials Consumption Value Market Share by Region (2018-2029)

Figure 73. Turkey High Purity Single-Element 2D Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Egypt High Purity Single-Element 2D Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. Saudi Arabia High Purity Single-Element 2D Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 76. South Africa High Purity Single-Element 2D Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 77. High Purity Single-Element 2D Materials Market Drivers

Figure 78. High Purity Single-Element 2D Materials Market Restraints

Figure 79. High Purity Single-Element 2D Materials Market Trends

Figure 80. Porters Five Forces Analysis

Figure 81. Manufacturing Cost Structure Analysis of High Purity Single-Element 2D Materials in 2022

Figure 82. Manufacturing Process Analysis of High Purity Single-Element 2D Materials

Figure 83. High Purity Single-Element 2D Materials Industrial Chain

Figure 84. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 85. Direct Channel Pros & Cons

Figure 86. Indirect Channel Pros & Cons

Figure 87. Methodology

Figure 88. Research Process and Data Source

I would like to order

Product name: Global High Purity Single-Element 2D Materials Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G0EC3D599B4DEN.html>

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

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G0EC3D599B4DEN.html>

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

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

****All fields are required**

Customer signature _____

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

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

