

Global Water-soluble Gold Nanorods Market Research Report 2025(Status and Outlook)

<https://marketpublishers.com/r/W729EB27D63BEN.html>

Date: July 2025

Pages: 144

Price: US\$ 3,200.00 (Single User License)

ID: W729EB27D63BEN

Abstracts

Report Overview

Water-soluble gold nanorods are specialized nanomaterials characterized by their elongated, rod-shaped structure and surface modifications that enable dispersion in aqueous solutions, making them highly suitable for biomedical, diagnostic, and therapeutic applications. These nanorods exhibit unique optical properties, such as strong absorption and scattering in the near-infrared (NIR) region, which are leveraged in photothermal therapy, bioimaging, and sensing. Their biocompatibility and tunable surface chemistry allow for functionalization with targeting ligands, enhancing precision in drug delivery and cancer treatment. The market for water-soluble gold nanorods is driven by increasing R&D investments in nanotechnology, growing demand for advanced diagnostic tools, and expanding applications in personalized medicine. However, challenges such as high production costs, regulatory hurdles, and potential toxicity concerns may hinder widespread adoption. Key players include nanotechnology firms, academic research institutions, and biomedical companies, with North America and Asia-Pacific emerging as dominant regions due to strong research infrastructure and government funding. Innovations in scalable synthesis methods and eco-friendly manufacturing are expected to further propel market growth.

This report provides a deep insight into the global Water-soluble Gold Nanorods market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business

organization. The report structure also focuses on the competitive landscape of the Global Water-soluble Gold Nanorods Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Water-soluble Gold Nanorods market in any manner.

Global Water-soluble Gold Nanorods Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

American Elements
Luna Nanotech
Stanford Advanced Materials
Cytodiagnosics
Strem Chemicals
Nanospectra Biosciences
BBI Solutions
Nanopartz
Beijing Zhongkeleiming Technology
ZHONGKEKEYOU

Market Segmentation (by Type)

Absorption Peak Below 900nm
Absorption Peak Above or Equal 900nm

Market Segmentation (by Application)

Biomedical
Electronic
Chemical

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Water-soluble Gold Nanorods Market

Overview of the regional outlook of the Water-soluble Gold Nanorods Market:

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Water-soluble Gold Nanorods Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream

and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Water-soluble Gold Nanorods, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change
This enables you to anticipate market changes to remain ahead of your competitors
You will be able to copy data from the Excel spreadsheet straight into your marketing

plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Water-soluble Gold Nanorods

1.2 Key Market Segments

1.2.1 Water-soluble Gold Nanorods Segment by Type

1.2.2 Water-soluble Gold Nanorods Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 WATER-SOLUBLE GOLD NANORODS MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Water-soluble Gold Nanorods Market Size (M USD) Estimates and Forecasts (2020-2033)

2.1.2 Global Water-soluble Gold Nanorods Sales Estimates and Forecasts (2020-2033)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 WATER-SOLUBLE GOLD NANORODS MARKET COMPETITIVE LANDSCAPE

3.1 Company Assessment Quadrant

3.2 Global Water-soluble Gold Nanorods Product Life Cycle

3.3 Global Water-soluble Gold Nanorods Sales by Manufacturers (2020-2025)

3.4 Global Water-soluble Gold Nanorods Revenue Market Share by Manufacturers (2020-2025)

3.5 Water-soluble Gold Nanorods Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.6 Global Water-soluble Gold Nanorods Average Price by Manufacturers (2020-2025)

3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types

3.8 Water-soluble Gold Nanorods Market Competitive Situation and Trends

3.8.1 Water-soluble Gold Nanorods Market Concentration Rate

3.8.2 Global 5 and 10 Largest Water-soluble Gold Nanorods Players Market Share by

Revenue

3.8.3 Mergers & Acquisitions, Expansion

4 WATER-SOLUBLE GOLD NANORODS INDUSTRY CHAIN ANALYSIS

4.1 Water-soluble Gold Nanorods Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF WATER-SOLUBLE GOLD NANORODS MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Industry News

5.4.1 New Product Developments

5.4.2 Mergers & Acquisitions

5.4.3 Expansions

5.4.4 Collaboration/Supply Contracts

5.5 PEST Analysis

5.5.1 Industry Policies Analysis

5.5.2 Economic Environment Analysis

5.5.3 Social Environment Analysis

5.5.4 Technological Environment Analysis

5.6 Global Water-soluble Gold Nanorods Market Porter's Five Forces Analysis

5.6.1 Global Trade Frictions

5.6.2 U.S. Tariff Policy ? April 2025

5.6.3 Global Trade Frictions and Their Impacts to Water-soluble Gold Nanorods

Market

5.7 ESG Ratings of Leading Companies

6 WATER-SOLUBLE GOLD NANORODS MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Water-soluble Gold Nanorods Sales Market Share by Type (2020-2025)

6.3 Global Water-soluble Gold Nanorods Market Size Market Share by Type (2020-2025)

6.4 Global Water-soluble Gold Nanorods Price by Type (2020-2025)

7 WATER-SOLUBLE GOLD NANORODS MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Water-soluble Gold Nanorods Market Sales by Application (2020-2025)

7.3 Global Water-soluble Gold Nanorods Market Size (M USD) by Application (2020-2025)

7.4 Global Water-soluble Gold Nanorods Sales Growth Rate by Application (2020-2025)

8 WATER-SOLUBLE GOLD NANORODS MARKET SALES BY REGION

8.1 Global Water-soluble Gold Nanorods Sales by Region

8.1.1 Global Water-soluble Gold Nanorods Sales by Region

8.1.2 Global Water-soluble Gold Nanorods Sales Market Share by Region

8.2 Global Water-soluble Gold Nanorods Market Size by Region

8.2.1 Global Water-soluble Gold Nanorods Market Size by Region

8.2.2 Global Water-soluble Gold Nanorods Market Size Market Share by Region

8.3 North America

8.3.1 North America Water-soluble Gold Nanorods Sales by Country

8.3.2 North America Water-soluble Gold Nanorods Market Size by Country

8.3.3 U.S. Market Overview

8.3.4 Canada Market Overview

8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe Water-soluble Gold Nanorods Sales by Country

8.4.2 Europe Water-soluble Gold Nanorods Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Spain Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific Water-soluble Gold Nanorods Sales by Region

8.5.2 Asia Pacific Water-soluble Gold Nanorods Market Size by Region

8.5.3 China Market Overview

8.5.4 Japan Market Overview

8.5.5 South Korea Market Overview

- 8.5.6 India Market Overview
- 8.5.7 Southeast Asia Market Overview
- 8.6 South America
 - 8.6.1 South America Water-soluble Gold Nanorods Sales by Country
 - 8.6.2 South America Water-soluble Gold Nanorods Market Size by Country
 - 8.6.3 Brazil Market Overview
 - 8.6.4 Argentina Market Overview
 - 8.6.5 Columbia Market Overview
- 8.7 Middle East and Africa
 - 8.7.1 Middle East and Africa Water-soluble Gold Nanorods Sales by Region
 - 8.7.2 Middle East and Africa Water-soluble Gold Nanorods Market Size by Region
 - 8.7.3 Saudi Arabia Market Overview
 - 8.7.4 UAE Market Overview
 - 8.7.5 Egypt Market Overview
 - 8.7.6 Nigeria Market Overview
 - 8.7.7 South Africa Market Overview

9 WATER-SOLUBLE GOLD NANORODS MARKET PRODUCTION BY REGION

- 9.1 Global Production of Water-soluble Gold Nanorods by Region(2020-2025)
- 9.2 Global Water-soluble Gold Nanorods Revenue Market Share by Region (2020-2025)
- 9.3 Global Water-soluble Gold Nanorods Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America Water-soluble Gold Nanorods Production
 - 9.4.1 North America Water-soluble Gold Nanorods Production Growth Rate (2020-2025)
 - 9.4.2 North America Water-soluble Gold Nanorods Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe Water-soluble Gold Nanorods Production
 - 9.5.1 Europe Water-soluble Gold Nanorods Production Growth Rate (2020-2025)
 - 9.5.2 Europe Water-soluble Gold Nanorods Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan Water-soluble Gold Nanorods Production (2020-2025)
 - 9.6.1 Japan Water-soluble Gold Nanorods Production Growth Rate (2020-2025)
 - 9.6.2 Japan Water-soluble Gold Nanorods Production, Revenue, Price and Gross Margin (2020-2025)
- 9.7 China Water-soluble Gold Nanorods Production (2020-2025)
 - 9.7.1 China Water-soluble Gold Nanorods Production Growth Rate (2020-2025)

9.7.2 China Water-soluble Gold Nanorods Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 American Elements

10.1.1 American Elements Basic Information

10.1.2 American Elements Water-soluble Gold Nanorods Product Overview

10.1.3 American Elements Water-soluble Gold Nanorods Product Market Performance

10.1.4 American Elements Business Overview

10.1.5 American Elements SWOT Analysis

10.1.6 American Elements Recent Developments

10.2 Luna Nanotech

10.2.1 Luna Nanotech Basic Information

10.2.2 Luna Nanotech Water-soluble Gold Nanorods Product Overview

10.2.3 Luna Nanotech Water-soluble Gold Nanorods Product Market Performance

10.2.4 Luna Nanotech Business Overview

10.2.5 Luna Nanotech SWOT Analysis

10.2.6 Luna Nanotech Recent Developments

10.3 Stanford Advanced Materials

10.3.1 Stanford Advanced Materials Basic Information

10.3.2 Stanford Advanced Materials Water-soluble Gold Nanorods Product Overview

10.3.3 Stanford Advanced Materials Water-soluble Gold Nanorods Product Market

Performance

10.3.4 Stanford Advanced Materials Business Overview

10.3.5 Stanford Advanced Materials SWOT Analysis

10.3.6 Stanford Advanced Materials Recent Developments

10.4 Cytodiagnosics

10.4.1 Cytodiagnosics Basic Information

10.4.2 Cytodiagnosics Water-soluble Gold Nanorods Product Overview

10.4.3 Cytodiagnosics Water-soluble Gold Nanorods Product Market Performance

10.4.4 Cytodiagnosics Business Overview

10.4.5 Cytodiagnosics Recent Developments

10.5 Strem Chemicals

10.5.1 Strem Chemicals Basic Information

10.5.2 Strem Chemicals Water-soluble Gold Nanorods Product Overview

10.5.3 Strem Chemicals Water-soluble Gold Nanorods Product Market Performance

10.5.4 Strem Chemicals Business Overview

10.5.5 Strem Chemicals Recent Developments

10.6 Nanospectra Biosciences

10.6.1 Nanospectra Biosciences Basic Information

10.6.2 Nanospectra Biosciences Water-soluble Gold Nanorods Product Overview

10.6.3 Nanospectra Biosciences Water-soluble Gold Nanorods Product Market

Performance

10.6.4 Nanospectra Biosciences Business Overview

10.6.5 Nanospectra Biosciences Recent Developments

10.7 BBI Solutions

10.7.1 BBI Solutions Basic Information

10.7.2 BBI Solutions Water-soluble Gold Nanorods Product Overview

10.7.3 BBI Solutions Water-soluble Gold Nanorods Product Market Performance

10.7.4 BBI Solutions Business Overview

10.7.5 BBI Solutions Recent Developments

10.8 Nanopartz

10.8.1 Nanopartz Basic Information

10.8.2 Nanopartz Water-soluble Gold Nanorods Product Overview

10.8.3 Nanopartz Water-soluble Gold Nanorods Product Market Performance

10.8.4 Nanopartz Business Overview

10.8.5 Nanopartz Recent Developments

10.9 Beijing Zhongkeleiming Technology

10.9.1 Beijing Zhongkeleiming Technology Basic Information

10.9.2 Beijing Zhongkeleiming Technology Water-soluble Gold Nanorods Product Overview

10.9.3 Beijing Zhongkeleiming Technology Water-soluble Gold Nanorods Product Market Performance

10.9.4 Beijing Zhongkeleiming Technology Business Overview

10.9.5 Beijing Zhongkeleiming Technology Recent Developments

10.10 ZHONGKEKEYOU

10.10.1 ZHONGKEKEYOU Basic Information

10.10.2 ZHONGKEKEYOU Water-soluble Gold Nanorods Product Overview

10.10.3 ZHONGKEKEYOU Water-soluble Gold Nanorods Product Market

Performance

10.10.4 ZHONGKEKEYOU Business Overview

10.10.5 ZHONGKEKEYOU Recent Developments

11 WATER-SOLUBLE GOLD NANORODS MARKET FORECAST BY REGION

11.1 Global Water-soluble Gold Nanorods Market Size Forecast

11.2 Global Water-soluble Gold Nanorods Market Forecast by Region

- 11.2.1 North America Market Size Forecast by Country
- 11.2.2 Europe Water-soluble Gold Nanorods Market Size Forecast by Country
- 11.2.3 Asia Pacific Water-soluble Gold Nanorods Market Size Forecast by Region
- 11.2.4 South America Water-soluble Gold Nanorods Market Size Forecast by Country
- 11.2.5 Middle East and Africa Forecasted Sales of Water-soluble Gold Nanorods by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2033)

- 12.1 Global Water-soluble Gold Nanorods Market Forecast by Type (2026-2033)
 - 12.1.1 Global Forecasted Sales of Water-soluble Gold Nanorods by Type (2026-2033)
 - 12.1.2 Global Water-soluble Gold Nanorods Market Size Forecast by Type (2026-2033)
 - 12.1.3 Global Forecasted Price of Water-soluble Gold Nanorods by Type (2026-2033)
- 12.2 Global Water-soluble Gold Nanorods Market Forecast by Application (2026-2033)
 - 12.2.1 Global Water-soluble Gold Nanorods Sales (K MT) Forecast by Application
 - 12.2.2 Global Water-soluble Gold Nanorods Market Size (M USD) Forecast by Application (2026-2033)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. Water-soluble Gold Nanorods Market Size Comparison by Region (M USD)

Table 5. Global Water-soluble Gold Nanorods Sales (K MT) by Manufacturers
(2020-2025)

Table 6. Global Water-soluble Gold Nanorods Sales Market Share by Manufacturers
(2020-2025)

Table 7. Global Water-soluble Gold Nanorods Revenue (M USD) by Manufacturers
(2020-2025)

Table 8. Global Water-soluble Gold Nanorods Revenue Share by Manufacturers
(2020-2025)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Water-soluble Gold Nanorods as of 2024)

Table 10. Global Market Water-soluble Gold Nanorods Average Price (USD/KG) of Key Manufacturers (2020-2025)

Table 11. Manufacturers? Manufacturing Sites, Areas Served

Table 12. Manufacturers? Product Type

Table 13. Global Water-soluble Gold Nanorods Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Market Overview of Key Raw Materials

Table 16. Midstream Market Analysis

Table 17. Downstream Customer Analysis

Table 18. Key Development Trends

Table 19. Driving Factors

Table 20. Water-soluble Gold Nanorods Market Challenges

Table 21. Goldman Sachs' forecast real GDP growth rate for 2024-2026

Table 22. S&P Global ' Forecast Real GDP Growth Rate For 2024-2027

Table 23. World Bank ' Forecast Real GDP Growth Rate For 2024-2026

Table 24. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 25. Global Water-soluble Gold Nanorods Sales by Type (K MT)

Table 26. Global Water-soluble Gold Nanorods Market Size by Type (M USD)

Table 27. Global Water-soluble Gold Nanorods Sales (K MT) by Type (2020-2025)

- Table 28. Global Water-soluble Gold Nanorods Sales Market Share by Type (2020-2025)
- Table 29. Global Water-soluble Gold Nanorods Market Size (M USD) by Type (2020-2025)
- Table 30. Global Water-soluble Gold Nanorods Market Size Share by Type (2020-2025)
- Table 31. Global Water-soluble Gold Nanorods Price (USD/KG) by Type (2020-2025)
- Table 32. Global Water-soluble Gold Nanorods Sales (K MT) by Application
- Table 33. Global Water-soluble Gold Nanorods Market Size by Application
- Table 34. Global Water-soluble Gold Nanorods Sales by Application (2020-2025) & (K MT)
- Table 35. Global Water-soluble Gold Nanorods Sales Market Share by Application (2020-2025)
- Table 36. Global Water-soluble Gold Nanorods Market Size by Application (2020-2025) & (M USD)
- Table 37. Global Water-soluble Gold Nanorods Market Share by Application (2020-2025)
- Table 38. Global Water-soluble Gold Nanorods Sales Growth Rate by Application (2020-2025)
- Table 39. Global Water-soluble Gold Nanorods Sales by Region (2020-2025) & (K MT)
- Table 40. Global Water-soluble Gold Nanorods Sales Market Share by Region (2020-2025)
- Table 41. Global Water-soluble Gold Nanorods Market Size by Region (2020-2025) & (M USD)
- Table 42. Global Water-soluble Gold Nanorods Market Size Market Share by Region (2020-2025)
- Table 43. North America Water-soluble Gold Nanorods Sales by Country (2020-2025) & (K MT)
- Table 44. North America Water-soluble Gold Nanorods Market Size by Country (2020-2025) & (M USD)
- Table 45. Europe Water-soluble Gold Nanorods Sales by Country (2020-2025) & (K MT)
- Table 46. Europe Water-soluble Gold Nanorods Market Size by Country (2020-2025) & (M USD)
- Table 47. Asia Pacific Water-soluble Gold Nanorods Sales by Region (2020-2025) & (K MT)
- Table 48. Asia Pacific Water-soluble Gold Nanorods Market Size by Region (2020-2025) & (M USD)
- Table 49. South America Water-soluble Gold Nanorods Sales by Country (2020-2025) & (K MT)

Table 50. South America Water-soluble Gold Nanorods Market Size by Country (2020-2025) & (M USD)

Table 51. Middle East and Africa Water-soluble Gold Nanorods Sales by Region (2020-2025) & (K MT)

Table 52. Middle East and Africa Water-soluble Gold Nanorods Market Size by Region (2020-2025) & (M USD)

Table 53. Global Water-soluble Gold Nanorods Production (K MT) by Region(2020-2025)

Table 54. Global Water-soluble Gold Nanorods Revenue (US\$ Million) by Region (2020-2025)

Table 55. Global Water-soluble Gold Nanorods Revenue Market Share by Region (2020-2025)

Table 56. Global Water-soluble Gold Nanorods Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 57. North America Water-soluble Gold Nanorods Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 58. Europe Water-soluble Gold Nanorods Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 59. Japan Water-soluble Gold Nanorods Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 60. China Water-soluble Gold Nanorods Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 61. American Elements Basic Information

Table 62. American Elements Water-soluble Gold Nanorods Product Overview

Table 63. American Elements Water-soluble Gold Nanorods Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 64. American Elements Business Overview

Table 65. American Elements SWOT Analysis

Table 66. American Elements Recent Developments

Table 67. Luna Nanotech Basic Information

Table 68. Luna Nanotech Water-soluble Gold Nanorods Product Overview

Table 69. Luna Nanotech Water-soluble Gold Nanorods Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 70. Luna Nanotech Business Overview

Table 71. Luna Nanotech SWOT Analysis

Table 72. Luna Nanotech Recent Developments

Table 73. Stanford Advanced Materials Basic Information

Table 74. Stanford Advanced Materials Water-soluble Gold Nanorods Product Overview

Table 75. Stanford Advanced Materials Water-soluble Gold Nanorods Sales (K MT),

Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 76. Stanford Advanced Materials Business Overview

Table 77. Stanford Advanced Materials SWOT Analysis

Table 78. Stanford Advanced Materials Recent Developments

Table 79. Cytodiagnosics Basic Information

Table 80. Cytodiagnosics Water-soluble Gold Nanorods Product Overview

Table 81. Cytodiagnosics Water-soluble Gold Nanorods Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 82. Cytodiagnosics Business Overview

Table 83. Cytodiagnosics Recent Developments

Table 84. Strem Chemicals Basic Information

Table 85. Strem Chemicals Water-soluble Gold Nanorods Product Overview

Table 86. Strem Chemicals Water-soluble Gold Nanorods Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 87. Strem Chemicals Business Overview

Table 88. Strem Chemicals Recent Developments

Table 89. Nanospectra Biosciences Basic Information

Table 90. Nanospectra Biosciences Water-soluble Gold Nanorods Product Overview

Table 91. Nanospectra Biosciences Water-soluble Gold Nanorods Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 92. Nanospectra Biosciences Business Overview

Table 93. Nanospectra Biosciences Recent Developments

Table 94. BBI Solutions Basic Information

Table 95. BBI Solutions Water-soluble Gold Nanorods Product Overview

Table 96. BBI Solutions Water-soluble Gold Nanorods Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 97. BBI Solutions Business Overview

Table 98. BBI Solutions Recent Developments

Table 99. Nanopartz Basic Information

Table 100. Nanopartz Water-soluble Gold Nanorods Product Overview

Table 101. Nanopartz Water-soluble Gold Nanorods Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 102. Nanopartz Business Overview

Table 103. Nanopartz Recent Developments

Table 104. Beijing Zhongkeleiming Technology Basic Information

Table 105. Beijing Zhongkeleiming Technology Water-soluble Gold Nanorods Product Overview

Table 106. Beijing Zhongkeleiming Technology Water-soluble Gold Nanorods Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

- Table 107. Beijing Zhongkeleiming Technology Business Overview
- Table 108. Beijing Zhongkeleiming Technology Recent Developments
- Table 109. ZHONGKEKEYOU Basic Information
- Table 110. ZHONGKEKEYOU Water-soluble Gold Nanorods Product Overview
- Table 111. ZHONGKEKEYOU Water-soluble Gold Nanorods Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 112. ZHONGKEKEYOU Business Overview
- Table 113. ZHONGKEKEYOU Recent Developments
- Table 114. Global Water-soluble Gold Nanorods Sales Forecast by Region (2026-2033) & (K MT)
- Table 115. Global Water-soluble Gold Nanorods Market Size Forecast by Region (2026-2033) & (M USD)
- Table 116. North America Water-soluble Gold Nanorods Sales Forecast by Country (2026-2033) & (K MT)
- Table 117. North America Water-soluble Gold Nanorods Market Size Forecast by Country (2026-2033) & (M USD)
- Table 118. Europe Water-soluble Gold Nanorods Sales Forecast by Country (2026-2033) & (K MT)
- Table 119. Europe Water-soluble Gold Nanorods Market Size Forecast by Country (2026-2033) & (M USD)
- Table 120. Asia Pacific Water-soluble Gold Nanorods Sales Forecast by Region (2026-2033) & (K MT)
- Table 121. Asia Pacific Water-soluble Gold Nanorods Market Size Forecast by Region (2026-2033) & (M USD)
- Table 122. South America Water-soluble Gold Nanorods Sales Forecast by Country (2026-2033) & (K MT)
- Table 123. South America Water-soluble Gold Nanorods Market Size Forecast by Country (2026-2033) & (M USD)
- Table 124. Middle East and Africa Water-soluble Gold Nanorods Sales Forecast by Country (2026-2033) & (Units)
- Table 125. Middle East and Africa Water-soluble Gold Nanorods Market Size Forecast by Country (2026-2033) & (M USD)
- Table 126. Global Water-soluble Gold Nanorods Sales Forecast by Type (2026-2033) & (K MT)
- Table 127. Global Water-soluble Gold Nanorods Market Size Forecast by Type (2026-2033) & (M USD)
- Table 128. Global Water-soluble Gold Nanorods Price Forecast by Type (2026-2033) & (USD/KG)
- Table 129. Global Water-soluble Gold Nanorods Sales (K MT) Forecast by Application

(2026-2033)

Table 130. Global Water-soluble Gold Nanorods Market Size Forecast by Application
(2026-2033) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Water-soluble Gold Nanorods
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Water-soluble Gold Nanorods Market Size (M USD), 2024-2033
- Figure 5. Global Water-soluble Gold Nanorods Market Size (M USD) (2020-2033)
- Figure 6. Global Water-soluble Gold Nanorods Sales (K MT) & (2020-2033)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Water-soluble Gold Nanorods Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Water-soluble Gold Nanorods Product Life Cycle
- Figure 13. Water-soluble Gold Nanorods Sales Share by Manufacturers in 2024
- Figure 14. Global Water-soluble Gold Nanorods Revenue Share by Manufacturers in 2024
- Figure 15. Water-soluble Gold Nanorods Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2024
- Figure 16. Global Market Water-soluble Gold Nanorods Average Price (USD/KG) of Key Manufacturers in 2024
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Water-soluble Gold Nanorods Revenue in 2024
- Figure 18. Industry Chain Map of Water-soluble Gold Nanorods
- Figure 19. Global Water-soluble Gold Nanorods Market PEST Analysis
- Figure 20. Global Water-soluble Gold Nanorods Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Water-soluble Gold Nanorods Market Share by Type
- Figure 27. Sales Market Share of Water-soluble Gold Nanorods by Type (2020-2025)
- Figure 28. Sales Market Share of Water-soluble Gold Nanorods by Type in 2024
- Figure 29. Market Size Share of Water-soluble Gold Nanorods by Type (2020-2025)
- Figure 30. Market Size Share of Water-soluble Gold Nanorods by Type in 2024
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

- Figure 32. Global Water-soluble Gold Nanorods Market Share by Application
- Figure 33. Global Water-soluble Gold Nanorods Sales Market Share by Application (2020-2025)
- Figure 34. Global Water-soluble Gold Nanorods Sales Market Share by Application in 2024
- Figure 35. Global Water-soluble Gold Nanorods Market Share by Application (2020-2025)
- Figure 36. Global Water-soluble Gold Nanorods Market Share by Application in 2024
- Figure 37. Global Water-soluble Gold Nanorods Sales Growth Rate by Application (2020-2025)
- Figure 38. Global Water-soluble Gold Nanorods Sales Market Share by Region (2020-2025)
- Figure 39. Global Water-soluble Gold Nanorods Market Size Market Share by Region (2020-2025)
- Figure 40. North America Water-soluble Gold Nanorods Sales and Growth Rate (2020-2025) & (K MT)
- Figure 41. North America Water-soluble Gold Nanorods Sales and Growth Rate (2020-2025) & (K MT)
- Figure 42. North America Water-soluble Gold Nanorods Sales Market Share by Country in 2024
- Figure 43. North America Water-soluble Gold Nanorods Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 44. North America Water-soluble Gold Nanorods Market Size Market Share by Country in 2024
- Figure 45. U.S. Water-soluble Gold Nanorods Sales and Growth Rate (2020-2025) & (K MT)
- Figure 46. U.S. Water-soluble Gold Nanorods Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 47. Canada Water-soluble Gold Nanorods Sales (K MT) and Growth Rate (2020-2025)
- Figure 48. Canada Water-soluble Gold Nanorods Market Size (M USD) and Growth Rate (2020-2025)
- Figure 49. Mexico Water-soluble Gold Nanorods Sales (Units) and Growth Rate (2020-2025)
- Figure 50. Mexico Water-soluble Gold Nanorods Market Size (Units) and Growth Rate (2020-2025)
- Figure 51. Europe Water-soluble Gold Nanorods Sales and Growth Rate (2020-2025) & (K MT)
- Figure 52. Europe Water-soluble Gold Nanorods Sales Market Share by Country in

2024

Figure 53. Europe Water-soluble Gold Nanorods Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Water-soluble Gold Nanorods Market Size Market Share by Country in 2024

Figure 55. Germany Water-soluble Gold Nanorods Sales and Growth Rate (2020-2025) & (K MT)

Figure 56. Germany Water-soluble Gold Nanorods Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Water-soluble Gold Nanorods Sales and Growth Rate (2020-2025) & (K MT)

Figure 58. France Water-soluble Gold Nanorods Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Water-soluble Gold Nanorods Sales and Growth Rate (2020-2025) & (K MT)

Figure 60. U.K. Water-soluble Gold Nanorods Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Water-soluble Gold Nanorods Sales and Growth Rate (2020-2025) & (K MT)

Figure 62. Italy Water-soluble Gold Nanorods Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Water-soluble Gold Nanorods Sales and Growth Rate (2020-2025) & (K MT)

Figure 64. Spain Water-soluble Gold Nanorods Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Water-soluble Gold Nanorods Sales and Growth Rate (K MT)

Figure 66. Asia Pacific Water-soluble Gold Nanorods Sales Market Share by Region in 2024

Figure 67. Asia Pacific Water-soluble Gold Nanorods Market Size Market Share by Region in 2024

Figure 68. China Water-soluble Gold Nanorods Sales and Growth Rate (2020-2025) & (K MT)

Figure 69. China Water-soluble Gold Nanorods Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Water-soluble Gold Nanorods Sales and Growth Rate (2020-2025) & (K MT)

Figure 71. Japan Water-soluble Gold Nanorods Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Water-soluble Gold Nanorods Sales and Growth Rate

(2020-2025) & (K MT)

Figure 73. South Korea Water-soluble Gold Nanorods Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Water-soluble Gold Nanorods Sales and Growth Rate (2020-2025) & (K MT)

Figure 75. India Water-soluble Gold Nanorods Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Water-soluble Gold Nanorods Sales and Growth Rate (2020-2025) & (K MT)

Figure 77. Southeast Asia Water-soluble Gold Nanorods Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Water-soluble Gold Nanorods Sales and Growth Rate (K MT)

Figure 79. South America Water-soluble Gold Nanorods Sales Market Share by Country in 2024

Figure 80. South America Water-soluble Gold Nanorods Market Size and Growth Rate (M USD)

Figure 81. South America Water-soluble Gold Nanorods Market Size Market Share by Country in 2024

Figure 82. Brazil Water-soluble Gold Nanorods Sales and Growth Rate (2020-2025) & (K MT)

Figure 83. Brazil Water-soluble Gold Nanorods Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Water-soluble Gold Nanorods Sales and Growth Rate (2020-2025) & (K MT)

Figure 85. Argentina Water-soluble Gold Nanorods Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Water-soluble Gold Nanorods Sales and Growth Rate (2020-2025) & (K MT)

Figure 87. Columbia Water-soluble Gold Nanorods Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Water-soluble Gold Nanorods Sales and Growth Rate (K MT)

Figure 89. Middle East and Africa Water-soluble Gold Nanorods Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Water-soluble Gold Nanorods Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Water-soluble Gold Nanorods Market Size Market Share by Region in 2024

Figure 92. Saudi Arabia Water-soluble Gold Nanorods Sales and Growth Rate

(2020-2025) & (K MT)

Figure 93. Saudi Arabia Water-soluble Gold Nanorods Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Water-soluble Gold Nanorods Sales and Growth Rate (2020-2025) & (K MT)

Figure 95. UAE Water-soluble Gold Nanorods Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Water-soluble Gold Nanorods Sales and Growth Rate (2020-2025) & (K MT)

Figure 97. Egypt Water-soluble Gold Nanorods Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Water-soluble Gold Nanorods Sales and Growth Rate (2020-2025) & (K MT)

Figure 99. Nigeria Water-soluble Gold Nanorods Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Water-soluble Gold Nanorods Sales and Growth Rate (2020-2025) & (K MT)

Figure 101. South Africa Water-soluble Gold Nanorods Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Water-soluble Gold Nanorods Production Market Share by Region (2020-2025)

Figure 103. North America Water-soluble Gold Nanorods Production (K MT) Growth Rate (2020-2025)

Figure 104. Europe Water-soluble Gold Nanorods Production (K MT) Growth Rate (2020-2025)

Figure 105. Japan Water-soluble Gold Nanorods Production (K MT) Growth Rate (2020-2025)

Figure 106. China Water-soluble Gold Nanorods Production (K MT) Growth Rate (2020-2025)

Figure 107. Global Water-soluble Gold Nanorods Sales Forecast by Volume (2020-2033) & (K MT)

Figure 108. Global Water-soluble Gold Nanorods Market Size Forecast by Value (2020-2033) & (M USD)

Figure 109. Global Water-soluble Gold Nanorods Sales Market Share Forecast by Type (2026-2033)

Figure 110. Global Water-soluble Gold Nanorods Market Share Forecast by Type (2026-2033)

Figure 111. Global Water-soluble Gold Nanorods Sales Forecast by Application (2026-2033)

Figure 112. Global Water-soluble Gold Nanorods Market Share Forecast by Application (2026-2033)

I would like to order

Product name: Global Water-soluble Gold Nanorods Market Research Report 2025(Status and Outlook)

Product link: <https://marketpublishers.com/r/W729EB27D63BEN.html>

Price: US\$ 3,200.00 (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/W729EB27D63BEN.html>