

# Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Market Growth 2024-2030

<https://marketpublishers.com/r/G936E4671483EN.html>

Date: November 2024

Pages: 125

Price: US\$ 3,660.00 (Single User License)

ID: G936E4671483EN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

Superparamagnetic Iron Oxide Nanoparticles (SPION) are a type of nanomaterial composed of iron oxide particles that exhibit superparamagnetic properties. These nanoparticles are typically in the range of 1 to 100 nanometers in size. When exposed to an external magnetic field, SPIONs become magnetized, but they do not retain any magnetization once the field is removed, which is characteristic of superparamagnetism. This property makes them highly useful in various biomedical applications, including magnetic resonance imaging (MRI) as contrast agents, targeted drug delivery systems, and hyperthermia treatment for cancer. SPIONs can be engineered to have specific surface coatings to improve their biocompatibility and functionalization, allowing for precise targeting of specific cells or tissues. Their unique magnetic properties, combined with their ability to be modified for various functions, make SPIONs a valuable tool in both medical diagnostics and therapeutic applications.

The global Superparamagnetic Iron Oxide Nanoparticles (SPION) market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of %from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Superparamagnetic Iron Oxide Nanoparticles (SPION) Industry Forecast" looks at past sales and reviews total world Superparamagnetic Iron Oxide Nanoparticles (SPION) sales in 2023, providing a comprehensive analysis by region and market sector of projected Superparamagnetic Iron Oxide Nanoparticles (SPION) sales for 2024 through 2030. With Superparamagnetic Iron Oxide Nanoparticles (SPION) sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of

the world Superparamagnetic Iron Oxide Nanoparticles (SPION) industry.

This Insight Report provides a comprehensive analysis of the global Superparamagnetic Iron Oxide Nanoparticles (SPION) landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Superparamagnetic Iron Oxide Nanoparticles (SPION) portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Superparamagnetic Iron Oxide Nanoparticles (SPION) market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Superparamagnetic Iron Oxide Nanoparticles (SPION) and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Superparamagnetic Iron Oxide Nanoparticles (SPION).

United States market for Superparamagnetic Iron Oxide Nanoparticles (SPION) is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Superparamagnetic Iron Oxide Nanoparticles (SPION) is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Superparamagnetic Iron Oxide Nanoparticles (SPION) is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Superparamagnetic Iron Oxide Nanoparticles (SPION) players cover Merck, Imagination Biosystems (IBX), MSE Supplies, BOC Sciences, Nano Research Elements, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Superparamagnetic Iron Oxide Nanoparticles (SPION) market by

product type, application, key manufacturers and key regions and countries.

#### Segmentation by Type:

Diameter Below 20nm

Diameter 20nm and Above

#### Segmentation by Application:

Imaging Contrast Agents

Drug Delivery

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Merck

Imagion Biosystems (IBX)

MSE Supplies

BOC Sciences

Nano Research Elements

Ocean NanoTech

Cytodiagnostics

SkySpring Nanomaterials

Polysciences

nanoComposix

Xi'an Ruixi Biological Technology

## Key Questions Addressed in this Report

What is the 10-year outlook for the global Superparamagnetic Iron Oxide Nanoparticles (SPION) market?

What factors are driving Superparamagnetic Iron Oxide Nanoparticles (SPION) market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Superparamagnetic Iron Oxide Nanoparticles (SPION) market opportunities vary by end market size?

How does Superparamagnetic Iron Oxide Nanoparticles (SPION) break out by Type, by Application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

#### 2.1 World Market Overview

2.1.1 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Annual Sales 2019-2030

2.1.2 World Current & Future Analysis for Superparamagnetic Iron Oxide Nanoparticles (SPION) by Geographic Region, 2019, 2023 & 2030

2.1.3 World Current & Future Analysis for Superparamagnetic Iron Oxide Nanoparticles (SPION) by Country/Region, 2019, 2023 & 2030

#### 2.2 Superparamagnetic Iron Oxide Nanoparticles (SPION) Segment by Type

2.2.1 Diameter Below 20nm

2.2.2 Diameter 20nm and Above

#### 2.3 Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Type

2.3.1 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market Share by Type (2019-2024)

2.3.2 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue and Market Share by Type (2019-2024)

2.3.3 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sale Price by Type (2019-2024)

#### 2.4 Superparamagnetic Iron Oxide Nanoparticles (SPION) Segment by Application

2.4.1 Imaging Contrast Agents

2.4.2 Drug Delivery

2.4.3 Others

#### 2.5 Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Application

2.5.1 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sale Market Share by Application (2019-2024)

2.5.2 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue and Market Share by Application (2019-2024)

2.5.3 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sale Price by Application (2019-2024)

### **3 GLOBAL BY COMPANY**

3.1 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Breakdown Data by Company

3.1.1 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Annual Sales by Company (2019-2024)

3.1.2 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market Share by Company (2019-2024)

3.2 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Annual Revenue by Company (2019-2024)

3.2.1 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue by Company (2019-2024)

3.2.2 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Market Share by Company (2019-2024)

3.3 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sale Price by Company

3.4 Key Manufacturers Superparamagnetic Iron Oxide Nanoparticles (SPION) Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Superparamagnetic Iron Oxide Nanoparticles (SPION) Product Location Distribution

3.4.2 Players Superparamagnetic Iron Oxide Nanoparticles (SPION) Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

### **4 WORLD HISTORIC REVIEW FOR SUPERPARAMAGNETIC IRON OXIDE NANOPARTICLES (SPION) BY GEOGRAPHIC REGION**

4.1 World Historic Superparamagnetic Iron Oxide Nanoparticles (SPION) Market Size by Geographic Region (2019-2024)

4.1.1 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic Superparamagnetic Iron Oxide Nanoparticles (SPION) Market Size by Country/Region (2019-2024)

4.2.1 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Annual Sales by Country/Region (2019-2024)

4.2.2 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Annual Revenue by Country/Region (2019-2024)

4.3 Americas Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Growth

4.4 APAC Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Growth

4.5 Europe Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Growth

4.6 Middle East & Africa Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Growth

## **5 AMERICAS**

5.1 Americas Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Country

5.1.1 Americas Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Country (2019-2024)

5.1.2 Americas Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue by Country (2019-2024)

5.2 Americas Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Type (2019-2024)

5.3 Americas Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Application (2019-2024)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Region

6.1.1 APAC Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Region (2019-2024)

6.1.2 APAC Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue by Region (2019-2024)

6.2 APAC Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Type (2019-2024)

### 6.3 APAC Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Application (2019-2024)

#### 6.4 China

#### 6.5 Japan

#### 6.6 South Korea

#### 6.7 Southeast Asia

#### 6.8 India

#### 6.9 Australia

#### 6.10 China Taiwan

## 7 EUROPE

### 7.1 Europe Superparamagnetic Iron Oxide Nanoparticles (SPION) by Country

#### 7.1.1 Europe Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Country (2019-2024)

#### 7.1.2 Europe Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue by Country (2019-2024)

### 7.2 Europe Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Type (2019-2024)

### 7.3 Europe Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Application (2019-2024)

#### 7.4 Germany

#### 7.5 France

#### 7.6 UK

#### 7.7 Italy

#### 7.8 Russia

## 8 MIDDLE EAST & AFRICA

### 8.1 Middle East & Africa Superparamagnetic Iron Oxide Nanoparticles (SPION) by Country

#### 8.1.1 Middle East & Africa Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Country (2019-2024)

#### 8.1.2 Middle East & Africa Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue by Country (2019-2024)

### 8.2 Middle East & Africa Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Type (2019-2024)

### 8.3 Middle East & Africa Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Application (2019-2024)

- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Superparamagnetic Iron Oxide Nanoparticles (SPION)
- 10.3 Manufacturing Process Analysis of Superparamagnetic Iron Oxide Nanoparticles (SPION)
- 10.4 Industry Chain Structure of Superparamagnetic Iron Oxide Nanoparticles (SPION)

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

- 11.1 Sales Channel
  - 11.1.1 Direct Channels
  - 11.1.2 Indirect Channels
- 11.2 Superparamagnetic Iron Oxide Nanoparticles (SPION) Distributors
- 11.3 Superparamagnetic Iron Oxide Nanoparticles (SPION) Customer

## **12 WORLD FORECAST REVIEW FOR SUPERPARAMAGNETIC IRON OXIDE NANOPARTICLES (SPION) BY GEOGRAPHIC REGION**

- 12.1 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Market Size Forecast by Region
  - 12.1.1 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Forecast by Region (2025-2030)
  - 12.1.2 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Annual Revenue Forecast by Region (2025-2030)
- 12.2 Americas Forecast by Country (2025-2030)

- 12.3 APAC Forecast by Region (2025-2030)
- 12.4 Europe Forecast by Country (2025-2030)
- 12.5 Middle East & Africa Forecast by Country (2025-2030)
- 12.6 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Forecast by Type (2025-2030)
- 12.7 Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Forecast by Application (2025-2030)

## **13 KEY PLAYERS ANALYSIS**

### **13.1 Merck**

- 13.1.1 Merck Company Information
- 13.1.2 Merck Superparamagnetic Iron Oxide Nanoparticles (SPION) Product Portfolios and Specifications
- 13.1.3 Merck Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.1.4 Merck Main Business Overview
- 13.1.5 Merck Latest Developments

### **13.2 Imagination Biosystems (IBX)**

- 13.2.1 Imagination Biosystems (IBX) Company Information
- 13.2.2 Imagination Biosystems (IBX) Superparamagnetic Iron Oxide Nanoparticles (SPION) Product Portfolios and Specifications
- 13.2.3 Imagination Biosystems (IBX) Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.2.4 Imagination Biosystems (IBX) Main Business Overview
- 13.2.5 Imagination Biosystems (IBX) Latest Developments

### **13.3 MSE Supplies**

- 13.3.1 MSE Supplies Company Information
- 13.3.2 MSE Supplies Superparamagnetic Iron Oxide Nanoparticles (SPION) Product Portfolios and Specifications
- 13.3.3 MSE Supplies Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.3.4 MSE Supplies Main Business Overview
- 13.3.5 MSE Supplies Latest Developments

### **13.4 BOC Sciences**

- 13.4.1 BOC Sciences Company Information
- 13.4.2 BOC Sciences Superparamagnetic Iron Oxide Nanoparticles (SPION) Product Portfolios and Specifications
- 13.4.3 BOC Sciences Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales,

## Revenue, Price and Gross Margin (2019-2024)

### 13.4.4 BOC Sciences Main Business Overview

### 13.4.5 BOC Sciences Latest Developments

## 13.5 Nano Research Elements

### 13.5.1 Nano Research Elements Company Information

### 13.5.2 Nano Research Elements Superparamagnetic Iron Oxide Nanoparticles (SPION) Product Portfolios and Specifications

### 13.5.3 Nano Research Elements Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales, Revenue, Price and Gross Margin (2019-2024)

### 13.5.4 Nano Research Elements Main Business Overview

### 13.5.5 Nano Research Elements Latest Developments

## 13.6 Ocean NanoTech

### 13.6.1 Ocean NanoTech Company Information

### 13.6.2 Ocean NanoTech Superparamagnetic Iron Oxide Nanoparticles (SPION) Product Portfolios and Specifications

### 13.6.3 Ocean NanoTech Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales, Revenue, Price and Gross Margin (2019-2024)

### 13.6.4 Ocean NanoTech Main Business Overview

### 13.6.5 Ocean NanoTech Latest Developments

## 13.7 Cytodiagnosics

### 13.7.1 Cytodiagnosics Company Information

### 13.7.2 Cytodiagnosics Superparamagnetic Iron Oxide Nanoparticles (SPION) Product Portfolios and Specifications

### 13.7.3 Cytodiagnosics Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales, Revenue, Price and Gross Margin (2019-2024)

### 13.7.4 Cytodiagnosics Main Business Overview

### 13.7.5 Cytodiagnosics Latest Developments

## 13.8 SkySpring Nanomaterials

### 13.8.1 SkySpring Nanomaterials Company Information

### 13.8.2 SkySpring Nanomaterials Superparamagnetic Iron Oxide Nanoparticles (SPION) Product Portfolios and Specifications

### 13.8.3 SkySpring Nanomaterials Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales, Revenue, Price and Gross Margin (2019-2024)

### 13.8.4 SkySpring Nanomaterials Main Business Overview

### 13.8.5 SkySpring Nanomaterials Latest Developments

## 13.9 Polysciences

### 13.9.1 Polysciences Company Information

### 13.9.2 Polysciences Superparamagnetic Iron Oxide Nanoparticles (SPION) Product Portfolios and Specifications

- 13.9.3 Polysciences Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.9.4 Polysciences Main Business Overview
- 13.9.5 Polysciences Latest Developments
- 13.10 nanoComposix
  - 13.10.1 nanoComposix Company Information
  - 13.10.2 nanoComposix Superparamagnetic Iron Oxide Nanoparticles (SPION) Product Portfolios and Specifications
  - 13.10.3 nanoComposix Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.10.4 nanoComposix Main Business Overview
  - 13.10.5 nanoComposix Latest Developments
- 13.11 XI'an Ruixi Biological Technology
  - 13.11.1 XI'an Ruixi Biological Technology Company Information
  - 13.11.2 XI'an Ruixi Biological Technology Superparamagnetic Iron Oxide Nanoparticles (SPION) Product Portfolios and Specifications
  - 13.11.3 XI'an Ruixi Biological Technology Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.11.4 XI'an Ruixi Biological Technology Main Business Overview
  - 13.11.5 XI'an Ruixi Biological Technology Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

### **LIST OF TABLES**

- Table 1. Superparamagnetic Iron Oxide Nanoparticles (SPION) Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)
- Table 2. Superparamagnetic Iron Oxide Nanoparticles (SPION) Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)
- Table 3. Major Players of Diameter Below 20nm
- Table 4. Major Players of Diameter 20nm and Above
- Table 5. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales byType (2019-2024) & (mL)
- Table 6. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market Share byType (2019-2024)
- Table 7. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue byType (2019-2024) & (\$ million)
- Table 8. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Market

## Share byType (2019-2024)

Table 9. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sale Price byType (2019-2024) & (US\$/mL)

Table 10. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sale by Application (2019-2024) & (mL)

Table 11. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sale Market Share by Application (2019-2024)

Table 12. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue by Application (2019-2024) & (\$ million)

Table 13. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Market Share by Application (2019-2024)

Table 14. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sale Price by Application (2019-2024) & (US\$/mL)

Table 15. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Company (2019-2024) & (mL)

Table 16. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market Share by Company (2019-2024)

Table 17. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue by Company (2019-2024) & (\$ millions)

Table 18. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Market Share by Company (2019-2024)

Table 19. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sale Price by Company (2019-2024) & (US\$/mL)

Table 20. Key Manufacturers Superparamagnetic Iron Oxide Nanoparticles (SPION) Producing Area Distribution and Sales Area

Table 21. Players Superparamagnetic Iron Oxide Nanoparticles (SPION) Products Offered

Table 22. Superparamagnetic Iron Oxide Nanoparticles (SPION) Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Geographic Region (2019-2024) & (mL)

Table 26. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market Share Geographic Region (2019-2024)

Table 27. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 28. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Market Share by Geographic Region (2019-2024)

Table 29. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Country/Region (2019-2024) & (mL)

Table 30. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market Share by Country/Region (2019-2024)

Table 31. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue by Country/Region (2019-2024) & (\$ millions)

Table 32. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Market Share by Country/Region (2019-2024)

Table 33. Americas Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Country (2019-2024) & (mL)

Table 34. Americas Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market Share by Country (2019-2024)

Table 35. Americas Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue by Country (2019-2024) & (\$ millions)

Table 36. Americas Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales byType (2019-2024) & (mL)

Table 37. Americas Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Application (2019-2024) & (mL)

Table 38. APAC Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Region (2019-2024) & (mL)

Table 39. APAC Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market Share by Region (2019-2024)

Table 40. APAC Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue by Region (2019-2024) & (\$ millions)

Table 41. APAC Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales byType (2019-2024) & (mL)

Table 42. APAC Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Application (2019-2024) & (mL)

Table 43. Europe Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Country (2019-2024) & (mL)

Table 44. Europe Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue by Country (2019-2024) & (\$ millions)

Table 45. Europe Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales byType (2019-2024) & (mL)

Table 46. Europe Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Application (2019-2024) & (mL)

Table 47. Middle East & Africa Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Country (2019-2024) & (mL)

Table 48. Middle East & Africa Superparamagnetic Iron Oxide Nanoparticles (SPION)

## Revenue Market Share by Country (2019-2024)

Table 49. Middle East & Africa Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Type (2019-2024) & (mL)

Table 50. Middle East & Africa Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Application (2019-2024) & (mL)

Table 51. Key Market Drivers & Growth Opportunities of Superparamagnetic Iron Oxide Nanoparticles (SPION)

Table 52. Key Market Challenges & Risks of Superparamagnetic Iron Oxide Nanoparticles (SPION)

Table 53. Key Industry Trends of Superparamagnetic Iron Oxide Nanoparticles (SPION)

Table 54. Superparamagnetic Iron Oxide Nanoparticles (SPION) Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Superparamagnetic Iron Oxide Nanoparticles (SPION) Distributors List

Table 57. Superparamagnetic Iron Oxide Nanoparticles (SPION) Customer List

Table 58. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Forecast by Region (2025-2030) & (mL)

Table 59. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 60. Americas Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Forecast by Country (2025-2030) & (mL)

Table 61. Americas Superparamagnetic Iron Oxide Nanoparticles (SPION) Annual Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 62. APAC Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Forecast by Region (2025-2030) & (mL)

Table 63. APAC Superparamagnetic Iron Oxide Nanoparticles (SPION) Annual Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 64. Europe Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Forecast by Country (2025-2030) & (mL)

Table 65. Europe Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 66. Middle East & Africa Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Forecast by Country (2025-2030) & (mL)

Table 67. Middle East & Africa Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 68. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Forecast by Type (2025-2030) & (mL)

Table 69. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Forecast by Type (2025-2030) & (\$ millions)

Table 70. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Forecast

by Application (2025-2030) & (mL)

Table 71. Global Superparamagnetic Iron Oxide Nanoparticles (SPION)

Revenue Forecast by Application (2025-2030) & (\$ millions)

Table 72. Merck Basic Information, Superparamagnetic Iron Oxide Nanoparticles (SPION) Manufacturing Base, Sales Area and Its Competitors

Table 73. Merck Superparamagnetic Iron Oxide Nanoparticles (SPION) Product Portfolios and Specifications

Table 74. Merck Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales (mL), Revenue (\$ Million), Price (US\$/mL) and Gross Margin (2019-2024)

Table 75. Merck Main Business

Table 76. Merck Latest Developments

Table 77. Imagination Biosystems (IBX) Basic Information, Superparamagnetic Iron Oxide Nanoparticles (SPION) Manufacturing Base, Sales Area and Its Competitors

Table 78. Imagination Biosystems (IBX) Superparamagnetic Iron Oxide Nanoparticles (SPION) Product Portfolios and Specifications

Table 79. Imagination Biosystems (IBX) Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales (mL), Revenue (\$ Million), Price (US\$/mL) and Gross Margin (2019-2024)

Table 80. Imagination Biosystems (IBX) Main Business

Table 81. Imagination Biosystems (IBX) Latest Developments

Table 82. MSE Supplies Basic Information, Superparamagnetic Iron Oxide Nanoparticles (SPION) Manufacturing Base, Sales Area and Its Competitors

Table 83. MSE Supplies Superparamagnetic Iron Oxide Nanoparticles (SPION) Product Portfolios and Specifications

Table 84. MSE Supplies Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales (mL), Revenue (\$ Million), Price (US\$/mL) and Gross Margin (2019-2024)

Table 85. MSE Supplies Main Business

Table 86. MSE Supplies Latest Developments

Table 87. BOC Sciences Basic Information, Superparamagnetic Iron Oxide Nanoparticles (SPION) Manufacturing Base, Sales Area and Its Competitors

Table 88. BOC Sciences Superparamagnetic Iron Oxide Nanoparticles (SPION) Product Portfolios and Specifications

Table 89. BOC Sciences Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales (mL), Revenue (\$ Million), Price (US\$/mL) and Gross Margin (2019-2024)

Table 90. BOC Sciences Main Business

Table 91. BOC Sciences Latest Developments

Table 92. Nano Research Elements Basic Information, Superparamagnetic Iron Oxide Nanoparticles (SPION) Manufacturing Base, Sales Area and Its Competitors

Table 93. Nano Research Elements Superparamagnetic Iron Oxide Nanoparticles

(SPION) Product Portfolios and Specifications

Table 94. Nano Research Elements Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales (mL), Revenue (\$ Million), Price (US\$/mL) and Gross Margin (2019-2024)

Table 95. Nano Research Elements Main Business

Table 96. Nano Research Elements Latest Developments

Table 97. Ocean NanoTech Basic Information, Superparamagnetic Iron Oxide Nanoparticles (SPION) Manufacturing Base, Sales Area and Its Competitors

Table 98. Ocean NanoTech Superparamagnetic Iron Oxide Nanoparticles (SPION) Product Portfolios and Specifications

Table 99. Ocean NanoTech Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales (mL), Revenue (\$ Million), Price (US\$/mL) and Gross Margin (2019-2024)

Table 100. Ocean NanoTech Main Business

Table 101. Ocean NanoTech Latest Developments

Table 102. Cytodiagnostics Basic Information, Superparamagnetic Iron Oxide Nanoparticles (SPION) Manufacturing Base, Sales Area and Its Competitors

Table 103. Cytodiagnostics Superparamagnetic Iron Oxide Nanoparticles (SPION) Product Portfolios and Specifications

Table 104. Cytodiagnostics Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales (mL), Revenue (\$ Million), Price (US\$/mL) and Gross Margin (2019-2024)

Table 105. Cytodiagnostics Main Business

Table 106. Cytodiagnostics Latest Developments

Table 107. SkySpring Nanomaterials Basic Information, Superparamagnetic Iron Oxide Nanoparticles (SPION) Manufacturing Base, Sales Area and Its Competitors

Table 108. SkySpring Nanomaterials Superparamagnetic Iron Oxide Nanoparticles (SPION) Product Portfolios and Specifications

Table 109. SkySpring Nanomaterials Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales (mL), Revenue (\$ Million), Price (US\$/mL) and Gross Margin (2019-2024)

Table 110. SkySpring Nanomaterials Main Business

Table 111. SkySpring Nanomaterials Latest Developments

Table 112. Polysciences Basic Information, Superparamagnetic Iron Oxide Nanoparticles (SPION) Manufacturing Base, Sales Area and Its Competitors

Table 113. Polysciences Superparamagnetic Iron Oxide Nanoparticles (SPION) Product Portfolios and Specifications

Table 114. Polysciences Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales (mL), Revenue (\$ Million), Price (US\$/mL) and Gross Margin (2019-2024)

Table 115. Polysciences Main Business

Table 116. Polysciences Latest Developments

Table 117. nanoComposix Basic Information, Superparamagnetic Iron Oxide Nanoparticles (SPION) Manufacturing Base, Sales Area and Its Competitors
Table 118. nanoComposix Superparamagnetic Iron Oxide Nanoparticles (SPION) Product Portfolios and Specifications
Table 119. nanoComposix Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales (mL), Revenue (\$ Million), Price (US\$/mL) and Gross Margin (2019-2024)
Table 120. nanoComposix Main Business
Table 121. nanoComposix Latest Developments
Table 122. XI'an Ruixi BiologicalTechnology Basic Information, Superparamagnetic Iron Oxide Nanoparticles (SPION) Manufacturing Base, Sales Area and Its Competitors
Table 123. XI'an Ruixi BiologicalTechnology Superparamagnetic Iron Oxide Nanoparticles (SPION) Product Portfolios and Specifications
Table 124. XI'an Ruixi BiologicalTechnology Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales (mL), Revenue (\$ Million), Price (US\$/mL) and Gross Margin (2019-2024)
Table 125. XI'an Ruixi BiologicalTechnology Main Business
Table 126. XI'an Ruixi BiologicalTechnology Latest Developments

## LIST OFFIGURES

Figure 1. Picture of Superparamagnetic Iron Oxide Nanoparticles (SPION)
Figure 2. Superparamagnetic Iron Oxide Nanoparticles (SPION) Report Years Considered
Figure 3. Research Objectives
Figure 4. Research Methodology
Figure 5. Research Process and Data Source
Figure 6. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Growth Rate 2019-2030 (mL)
Figure 7. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Growth Rate 2019-2030 (\$ millions)
Figure 8. Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Geographic Region (2019, 2023 & 2030) & (\$ millions)
Figure 9. Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market Share by Country/Region (2023)
Figure 10. Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market Share by Country/Region (2019, 2023 & 2030)
Figure 11. Product Picture of Diameter Below 20nm

Figure 12. Product Picture of Diameter 20nm and Above

Figure 13. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market Share byType in 2023

Figure 14. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Market Share byType (2019-2024)

Figure 15. Superparamagnetic Iron Oxide Nanoparticles (SPION) Consumed in Imaging Contrast Agents

Figure 16. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Market: Imaging Contrast Agents (2019-2024) & (mL)

Figure 17. Superparamagnetic Iron Oxide Nanoparticles (SPION) Consumed in Drug Delivery

Figure 18. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Market: Drug Delivery (2019-2024) & (mL)

Figure 19. Superparamagnetic Iron Oxide Nanoparticles (SPION) Consumed in Others

Figure 20. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Market: Others (2019-2024) & (mL)

Figure 21. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sale Market Share by Application (2023)

Figure 22. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Market Share by Application in 2023

Figure 23. Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales by Company in 2023 (mL)

Figure 24. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market Share by Company in 2023

Figure 25. Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue by Company in 2023 (\$ millions)

Figure 26. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Market Share by Company in 2023

Figure 27. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market Share by Geographic Region (2019-2024)

Figure 28. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Market Share by Geographic Region in 2023

Figure 29. Americas Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales 2019-2024 (mL)

Figure 30. Americas Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue 2019-2024 (\$ millions)

Figure 31. APAC Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales 2019-2024 (mL)

Figure 32. APAC Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue

2019-2024 (\$ millions)

Figure 33. Europe Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales

2019-2024 (mL)

Figure 34. Europe Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue

2019-2024 (\$ millions)

Figure 35. Middle East & Africa Superparamagnetic Iron Oxide Nanoparticles (SPION)

Sales 2019-2024 (mL)

Figure 36. Middle East & Africa Superparamagnetic Iron Oxide Nanoparticles (SPION)

Revenue 2019-2024 (\$ millions)

Figure 37. Americas Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales

Market Share by Country in 2023

Figure 38. Americas Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue

Market Share by Country (2019-2024)

Figure 39. Americas Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales

Market Share by Type (2019-2024)

Figure 40. Americas Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales

Market Share by Application (2019-2024)

Figure 41. United States Superparamagnetic Iron Oxide Nanoparticles (SPION)

Revenue Growth 2019-2024 (\$ millions)

Figure 42. Canada Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue

Growth 2019-2024 (\$ millions)

Figure 43. Mexico Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue

Growth 2019-2024 (\$ millions)

Figure 44. Brazil Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue

Growth 2019-2024 (\$ millions)

Figure 45. APAC Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market  
Share by Region in 2023

Figure 46. APAC Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue  
Market Share by Region (2019-2024)

Figure 47. APAC Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market  
Share by Type (2019-2024)

Figure 48. APAC Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market  
Share by Application (2019-2024)

Figure 49. China Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue  
Growth 2019-2024 (\$ millions)

Figure 50. Japan Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue  
Growth 2019-2024 (\$ millions)

Figure 51. South Korea Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue  
Growth 2019-2024 (\$ millions)

Figure 52. Southeast Asia Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Growth 2019-2024 (\$ millions)

Figure 53. India Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Growth 2019-2024 (\$ millions)

Figure 54. Australia Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Growth 2019-2024 (\$ millions)

Figure 55. ChinaTaiwan Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Growth 2019-2024 (\$ millions)

Figure 56. Europe Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market Share by Country in 2023

Figure 57. Europe Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Market Share by Country (2019-2024)

Figure 58. Europe Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market Share byType (2019-2024)

Figure 59. Europe Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market Share by Application (2019-2024)

Figure 60. Germany Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Growth 2019-2024 (\$ millions)

Figure 61. France Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Growth 2019-2024 (\$ millions)

Figure 62. UK Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Growth 2019-2024 (\$ millions)

Figure 63. Italy Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Growth 2019-2024 (\$ millions)

Figure 64. Russia Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Growth 2019-2024 (\$ millions)

Figure 65. Middle East & Africa Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market Share by Country (2019-2024)

Figure 66. Middle East & Africa Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market Share byType (2019-2024)

Figure 67. Middle East & Africa Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market Share by Application (2019-2024)

Figure 68. Egypt Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Growth 2019-2024 (\$ millions)

Figure 69. South Africa Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Growth 2019-2024 (\$ millions)

Figure 70. Israel Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Growth 2019-2024 (\$ millions)

Figure 71. Turkey Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue

Growth 2019-2024 (\$ millions)

Figure 72. GCC Countries Superparamagnetic Iron Oxide Nanoparticles (SPION)

Revenue Growth 2019-2024 (\$ millions)

Figure 73. Manufacturing Cost Structure Analysis of Superparamagnetic Iron Oxide Nanoparticles (SPION) in 2023

Figure 74. Manufacturing Process Analysis of Superparamagnetic Iron Oxide Nanoparticles (SPION)

Figure 75. Industry Chain Structure of Superparamagnetic Iron Oxide Nanoparticles (SPION)

Figure 76. Channels of Distribution

Figure 77. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales MarketForecast by Region (2025-2030)

Figure 78. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Market ShareForecast by Region (2025-2030)

Figure 79. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market ShareForecast byType (2025-2030)

Figure 80. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Market ShareForecast byType (2025-2030)

Figure 81. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Sales Market ShareForecast by Application (2025-2030)

Figure 82. Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Revenue Market ShareForecast by Application (2025-2030)

## I would like to order

Product name: Global Superparamagnetic Iron Oxide Nanoparticles (SPION) Market Growth 2024-2030

Product link: <https://marketpublishers.com/r/G936E4671483EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G936E4671483EN.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