

Global LiTaO₃ Crystal Market Size, Manufacturers, Opportunities and Forecast to 2030

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Abstracts

Summary

LiTaO₃ Crystal is typical multifunction crystal material, with NLO and E-O properties similar to those of LiNbO₃ but higher damage threshold (>500 MW/cm for ns pulsed), widely used in surface acoustic wave filters, interdigital transducers, optical modulators, electro-optical switches, pyroelectric IR detectors, etc.

According to APO Research, The global LiTaO₃ Crystal market was estimated at US\$ million in 2023 and is projected to reach a revised size of US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

North American market for LiTaO₃ Crystal is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for LiTaO₃ Crystal is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for LiTaO₃ Crystal is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of LiTaO₃ Crystal include Shin-Etsu, Sumitomo Metal Mining, Koike, CETC, Crystalwise, DE&JS, CASTECH, WUZE and Sawyer Technical Materials LLC, etc. In 2023, the world's top three vendors accounted for approximately

% of the revenue.

Report Scope

This report aims to provide a comprehensive presentation of the global market for LiTaO3 Crystal, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding LiTaO3 Crystal.

The LiTaO3 Crystal market size, estimations, and forecasts are provided in terms of sales volume (K Pcs) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global LiTaO3 Crystal market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Shin-Etsu

Sumitomo Metal Mining

Koike

CETC

Crystalwise

DE&JS

CASTECH

WUZE

Sawyer Technical Materials LLC

SIOM

Tera XTAL

Nihon Exceed Corporation

OTIC

Union Optic

KAIJING OPTICS

LiTaO₃ Crystal segment by Type

White LiTaO₃

Black LiTaO₃

LiTaO₃ Crystal segment by Application

Surface Acoustic Wave

Electro-Optical

Piezoelectric

Pyroelectric

Other

LiTaO3 Crystal Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global LiTaO₃ Crystal market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main

competitors and deeply understand the competition pattern of the market.

2. This report will help stakeholders to understand the global industry status and trends of LiTaO₃ Crystal and provides them with information on key market drivers, restraints, challenges, and opportunities.

3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market

5. This report helps stakeholders to gain insights into which regions to target globally

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of LiTaO₃ Crystal.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Introduces the study scope of this report, executive summary of market segments by type, market size segments for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 2: Introduces the market dynamics, 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 3: Detailed analysis of LiTaO₃ Crystal manufacturers competitive landscape, price, sales, revenue, market share and ranking, latest development plan, merger, and acquisition information, etc.

Chapter 4: Sales, revenue of LiTaO₃ Crystal in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the future development prospects, and market space in the world.

Chapter 5: Introduces market segments by application, market size segment for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 7, 8, 9, 10 and 11: North America, Europe, Asia Pacific, Latin America, Middle East & Africa, sales and revenue by country.

Chapter 12: Analysis of industrial chain, key raw materials, manufacturing cost, and market dynamics.

Chapter 13: Concluding Insights of the report.

Contents

1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
 - 1.2.1 Global LiTaO₃ Crystal Market Size Estimates and Forecasts (2019-2030)
 - 1.2.2 Global LiTaO₃ Crystal Sales Estimates and Forecasts (2019-2030)
- 1.3 LiTaO₃ Crystal Market by Type
 - 1.3.1 White LiTaO₃
 - 1.3.2 Black LiTaO₃
- 1.4 Global LiTaO₃ Crystal Market Size by Type
 - 1.4.1 Global LiTaO₃ Crystal Market Size Overview by Type (2019-2030)
 - 1.4.2 Global LiTaO₃ Crystal Historic Market Size Review by Type (2019-2024)
 - 1.4.3 Global LiTaO₃ Crystal Forecasted Market Size by Type (2025-2030)
- 1.5 Key Regions Market Size by Type
 - 1.5.1 North America LiTaO₃ Crystal Sales Breakdown by Type (2019-2024)
 - 1.5.2 Europe LiTaO₃ Crystal Sales Breakdown by Type (2019-2024)
 - 1.5.3 Asia-Pacific LiTaO₃ Crystal Sales Breakdown by Type (2019-2024)
 - 1.5.4 Latin America LiTaO₃ Crystal Sales Breakdown by Type (2019-2024)
 - 1.5.5 Middle East and Africa LiTaO₃ Crystal Sales Breakdown by Type (2019-2024)

2 GLOBAL MARKET DYNAMICS

- 2.1 LiTaO₃ Crystal Industry Trends
- 2.2 LiTaO₃ Crystal Industry Drivers
- 2.3 LiTaO₃ Crystal Industry Opportunities and Challenges
- 2.4 LiTaO₃ Crystal Industry Restraints

3 MARKET COMPETITIVE LANDSCAPE BY COMPANY

- 3.1 Global Top Players by LiTaO₃ Crystal Revenue (2019-2024)
- 3.2 Global Top Players by LiTaO₃ Crystal Sales (2019-2024)
- 3.3 Global Top Players by LiTaO₃ Crystal Price (2019-2024)
- 3.4 Global LiTaO₃ Crystal Industry Company Ranking, 2022 VS 2023 VS 2024
- 3.5 Global LiTaO₃ Crystal Key Company Manufacturing Sites & Headquarters
- 3.6 Global LiTaO₃ Crystal Company, Product Type & Application
- 3.7 Global LiTaO₃ Crystal Company Commercialization Time
- 3.8 Market Competitive Analysis

- 3.8.1 Global LiTaO₃ Crystal Market CR5 and HHI
- 3.8.2 Global Top 5 and 10 LiTaO₃ Crystal Players Market Share by Revenue in 2023
- 3.8.3 2023 LiTaO₃ Crystal Tier 1, Tier 2, and Tier

4 LITAO3 CRYSTAL REGIONAL STATUS AND OUTLOOK

- 4.1 Global LiTaO₃ Crystal Market Size and CAGR by Region: 2019 VS 2023 VS 2030
- 4.2 Global LiTaO₃ Crystal Historic Market Size by Region
 - 4.2.1 Global LiTaO₃ Crystal Sales in Volume by Region (2019-2024)
 - 4.2.2 Global LiTaO₃ Crystal Sales in Value by Region (2019-2024)
 - 4.2.3 Global LiTaO₃ Crystal Sales (Volume & Value), Price and Gross Margin (2019-2024)
- 4.3 Global LiTaO₃ Crystal Forecasted Market Size by Region
 - 4.3.1 Global LiTaO₃ Crystal Sales in Volume by Region (2025-2030)
 - 4.3.2 Global LiTaO₃ Crystal Sales in Value by Region (2025-2030)
 - 4.3.3 Global LiTaO₃ Crystal Sales (Volume & Value), Price and Gross Margin (2025-2030)

5 LITAO3 CRYSTAL BY APPLICATION

- 5.1 LiTaO₃ Crystal Market by Application
 - 5.1.1 Surface Acoustic Wave
 - 5.1.2 Electro-Optical
 - 5.1.3 Piezoelectric
 - 5.1.4 Pyroelectric
 - 5.1.5 Other
- 5.2 Global LiTaO₃ Crystal Market Size by Application
 - 5.2.1 Global LiTaO₃ Crystal Market Size Overview by Application (2019-2030)
 - 5.2.2 Global LiTaO₃ Crystal Historic Market Size Review by Application (2019-2024)
 - 5.2.3 Global LiTaO₃ Crystal Forecasted Market Size by Application (2025-2030)
- 5.3 Key Regions Market Size by Application
 - 5.3.1 North America LiTaO₃ Crystal Sales Breakdown by Application (2019-2024)
 - 5.3.2 Europe LiTaO₃ Crystal Sales Breakdown by Application (2019-2024)
 - 5.3.3 Asia-Pacific LiTaO₃ Crystal Sales Breakdown by Application (2019-2024)
 - 5.3.4 Latin America LiTaO₃ Crystal Sales Breakdown by Application (2019-2024)
 - 5.3.5 Middle East and Africa LiTaO₃ Crystal Sales Breakdown by Application (2019-2024)

6 COMPANY PROFILES

6.1 Shin-Etsu

6.1.1 Shin-Etsu Company Information

6.1.2 Shin-Etsu Business Overview

6.1.3 Shin-Etsu LiTaO₃ Crystal Sales, Revenue and Gross Margin (2019-2024)

6.1.4 Shin-Etsu LiTaO₃ Crystal Product Portfolio

6.1.5 Shin-Etsu Recent Developments

6.2 Sumitomo Metal Mining

6.2.1 Sumitomo Metal Mining Company Information

6.2.2 Sumitomo Metal Mining Business Overview

6.2.3 Sumitomo Metal Mining LiTaO₃ Crystal Sales, Revenue and Gross Margin (2019-2024)

6.2.4 Sumitomo Metal Mining LiTaO₃ Crystal Product Portfolio

6.2.5 Sumitomo Metal Mining Recent Developments

6.3 Koike

6.3.1 Koike Company Information

6.3.2 Koike Business Overview

6.3.3 Koike LiTaO₃ Crystal Sales, Revenue and Gross Margin (2019-2024)

6.3.4 Koike LiTaO₃ Crystal Product Portfolio

6.3.5 Koike Recent Developments

6.4 CETC

6.4.1 CETC Company Information

6.4.2 CETC Business Overview

6.4.3 CETC LiTaO₃ Crystal Sales, Revenue and Gross Margin (2019-2024)

6.4.4 CETC LiTaO₃ Crystal Product Portfolio

6.4.5 CETC Recent Developments

6.5 Crystalwise

6.5.1 Crystalwise Company Information

6.5.2 Crystalwise Business Overview

6.5.3 Crystalwise LiTaO₃ Crystal Sales, Revenue and Gross Margin (2019-2024)

6.5.4 Crystalwise LiTaO₃ Crystal Product Portfolio

6.5.5 Crystalwise Recent Developments

6.6 DE&JS

6.6.1 DE&JS Company Information

6.6.2 DE&JS Business Overview

6.6.3 DE&JS LiTaO₃ Crystal Sales, Revenue and Gross Margin (2019-2024)

6.6.4 DE&JS LiTaO₃ Crystal Product Portfolio

6.6.5 DE&JS Recent Developments

6.7 CASTECH

- 6.7.1 CASTECH Comapny Information
- 6.7.2 CASTECH Business Overview
- 6.7.3 CASTECH LiTaO3 Crystal Sales, Revenue and Gross Margin (2019-2024)
- 6.7.4 CASTECH LiTaO3 Crystal Product Portfolio
- 6.7.5 CASTECH Recent Developments
- 6.8 WUZE
 - 6.8.1 WUZE Comapny Information
 - 6.8.2 WUZE Business Overview
 - 6.8.3 WUZE LiTaO3 Crystal Sales, Revenue and Gross Margin (2019-2024)
 - 6.8.4 WUZE LiTaO3 Crystal Product Portfolio
 - 6.8.5 WUZE Recent Developments
- 6.9 Sawyer Technical Materials LLC
 - 6.9.1 Sawyer Technical Materials LLC Comapny Information
 - 6.9.2 Sawyer Technical Materials LLC Business Overview
 - 6.9.3 Sawyer Technical Materials LLC LiTaO3 Crystal Sales, Revenue and Gross Margin (2019-2024)
 - 6.9.4 Sawyer Technical Materials LLC LiTaO3 Crystal Product Portfolio
 - 6.9.5 Sawyer Technical Materials LLC Recent Developments
- 6.10 SIOM
 - 6.10.1 SIOM Comapny Information
 - 6.10.2 SIOM Business Overview
 - 6.10.3 SIOM LiTaO3 Crystal Sales, Revenue and Gross Margin (2019-2024)
 - 6.10.4 SIOM LiTaO3 Crystal Product Portfolio
 - 6.10.5 SIOM Recent Developments
- 6.11 Tera XTAL
 - 6.11.1 Tera XTAL Comapny Information
 - 6.11.2 Tera XTAL Business Overview
 - 6.11.3 Tera XTAL LiTaO3 Crystal Sales, Revenue and Gross Margin (2019-2024)
 - 6.11.4 Tera XTAL LiTaO3 Crystal Product Portfolio
 - 6.11.5 Tera XTAL Recent Developments
- 6.12 Nihon Exceed Corporation
 - 6.12.1 Nihon Exceed Corporation Comapny Information
 - 6.12.2 Nihon Exceed Corporation Business Overview
 - 6.12.3 Nihon Exceed Corporation LiTaO3 Crystal Sales, Revenue and Gross Margin (2019-2024)
 - 6.12.4 Nihon Exceed Corporation LiTaO3 Crystal Product Portfolio
 - 6.12.5 Nihon Exceed Corporation Recent Developments
- 6.13 OTIC
 - 6.13.1 OTIC Comapny Information

- 6.13.2 OTIC Business Overview
- 6.13.3 OTIC LiTaO3 Crystal Sales, Revenue and Gross Margin (2019-2024)
- 6.13.4 OTIC LiTaO3 Crystal Product Portfolio
- 6.13.5 OTIC Recent Developments
- 6.14 Union Optic
 - 6.14.1 Union Optic Company Information
 - 6.14.2 Union Optic Business Overview
 - 6.14.3 Union Optic LiTaO3 Crystal Sales, Revenue and Gross Margin (2019-2024)
 - 6.14.4 Union Optic LiTaO3 Crystal Product Portfolio
 - 6.14.5 Union Optic Recent Developments
- 6.15 KAIJING OPTICS
 - 6.15.1 KAIJING OPTICS Company Information
 - 6.15.2 KAIJING OPTICS Business Overview
 - 6.15.3 KAIJING OPTICS LiTaO3 Crystal Sales, Revenue and Gross Margin (2019-2024)
 - 6.15.4 KAIJING OPTICS LiTaO3 Crystal Product Portfolio
 - 6.15.5 KAIJING OPTICS Recent Developments

7 NORTH AMERICA BY COUNTRY

- 7.1 North America LiTaO3 Crystal Sales by Country
 - 7.1.1 North America LiTaO3 Crystal Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
 - 7.1.2 North America LiTaO3 Crystal Sales by Country (2019-2024)
 - 7.1.3 North America LiTaO3 Crystal Sales Forecast by Country (2025-2030)
- 7.2 North America LiTaO3 Crystal Market Size by Country
 - 7.2.1 North America LiTaO3 Crystal Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
 - 7.2.2 North America LiTaO3 Crystal Market Size by Country (2019-2024)
 - 7.2.3 North America LiTaO3 Crystal Market Size Forecast by Country (2025-2030)

8 EUROPE BY COUNTRY

- 8.1 Europe LiTaO3 Crystal Sales by Country
 - 8.1.1 Europe LiTaO3 Crystal Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
 - 8.1.2 Europe LiTaO3 Crystal Sales by Country (2019-2024)
 - 8.1.3 Europe LiTaO3 Crystal Sales Forecast by Country (2025-2030)
- 8.2 Europe LiTaO3 Crystal Market Size by Country

8.2.1 Europe LiTaO₃ Crystal Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

8.2.2 Europe LiTaO₃ Crystal Market Size by Country (2019-2024)

8.2.3 Europe LiTaO₃ Crystal Market Size Forecast by Country (2025-2030)

9 ASIA-PACIFIC BY COUNTRY

9.1 Asia-Pacific LiTaO₃ Crystal Sales by Country

9.1.1 Asia-Pacific LiTaO₃ Crystal Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

9.1.2 Asia-Pacific LiTaO₃ Crystal Sales by Country (2019-2024)

9.1.3 Asia-Pacific LiTaO₃ Crystal Sales Forecast by Country (2025-2030)

9.2 Asia-Pacific LiTaO₃ Crystal Market Size by Country

9.2.1 Asia-Pacific LiTaO₃ Crystal Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

9.2.2 Asia-Pacific LiTaO₃ Crystal Market Size by Country (2019-2024)

9.2.3 Asia-Pacific LiTaO₃ Crystal Market Size Forecast by Country (2025-2030)

10 LATIN AMERICA BY COUNTRY

10.1 Latin America LiTaO₃ Crystal Sales by Country

10.1.1 Latin America LiTaO₃ Crystal Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.1.2 Latin America LiTaO₃ Crystal Sales by Country (2019-2024)

10.1.3 Latin America LiTaO₃ Crystal Sales Forecast by Country (2025-2030)

10.2 Latin America LiTaO₃ Crystal Market Size by Country

10.2.1 Latin America LiTaO₃ Crystal Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.2.2 Latin America LiTaO₃ Crystal Market Size by Country (2019-2024)

10.2.3 Latin America LiTaO₃ Crystal Market Size Forecast by Country (2025-2030)

11 MIDDLE EAST AND AFRICA BY COUNTRY

11.1 Middle East and Africa LiTaO₃ Crystal Sales by Country

11.1.1 Middle East and Africa LiTaO₃ Crystal Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

11.1.2 Middle East and Africa LiTaO₃ Crystal Sales by Country (2019-2024)

11.1.3 Middle East and Africa LiTaO₃ Crystal Sales Forecast by Country (2025-2030)

11.2 Middle East and Africa LiTaO₃ Crystal Market Size by Country

11.2.1 Middle East and Africa LiTaO₃ Crystal Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

11.2.2 Middle East and Africa LiTaO₃ Crystal Market Size by Country (2019-2024)

11.2.3 Middle East and Africa LiTaO₃ Crystal Market Size Forecast by Country (2025-2030)

12 VALUE CHAIN AND SALES CHANNELS ANALYSIS

12.1 LiTaO₃ Crystal Value Chain Analysis

12.1.1 LiTaO₃ Crystal Key Raw Materials

12.1.2 Key Raw Materials Price

12.1.3 Raw Materials Key Suppliers

12.1.4 Manufacturing Cost Structure

12.1.5 LiTaO₃ Crystal Production Mode & Process

12.2 LiTaO₃ Crystal Sales Channels Analysis

12.2.1 Direct Comparison with Distribution Share

12.2.2 LiTaO₃ Crystal Distributors

12.2.3 LiTaO₃ Crystal Customers

13 CONCLUDING INSIGHTS

14 APPENDIX

14.1 Reasons for Doing This Study

14.2 Research Methodology

14.3 Research Process

14.4 Authors List of This Report

14.5 Data Source

14.5.1 Secondary Sources

14.5.2 Primary Sources

14.6 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Major Company of White LiTaO₃
- Table 2. Major Company of Black LiTaO₃
- Table 3. Global LiTaO₃ Crystal Sales by Type (2019 VS 2023 VS 2030) & (US\$ Million)
- Table 4. Global LiTaO₃ Crystal Sales by Type (2019-2024) & (K Pcs)
- Table 5. Global LiTaO₃ Crystal Sales Market Share in Volume by Type (2019-2024)
- Table 6. Global LiTaO₃ Crystal Sales by Type (2019-2024) & (US\$ Million)
- Table 7. Global LiTaO₃ Crystal Sales Market Share in Value by Type (2019-2024)
- Table 8. Global LiTaO₃ Crystal Price by Type (2019-2024) & (K USD/Pcs)
- Table 9. Global LiTaO₃ Crystal Sales by Type (2025-2030) & (K Pcs)
- Table 10. Global LiTaO₃ Crystal Sales Market Share in Volume by Type (2025-2030)
- Table 11. Global LiTaO₃ Crystal Sales by Type (2025-2030) & (US\$ Million)
- Table 12. Global LiTaO₃ Crystal Sales Market Share in Value by Type (2025-2030)
- Table 13. Global LiTaO₃ Crystal Price by Type (2025-2030) & (K USD/Pcs)
- Table 14. North America LiTaO₃ Crystal Sales by Type (2019-2024) & (K Pcs)
- Table 15. North America LiTaO₃ Crystal Sales by Type (2019-2024) & (US\$ Million)
- Table 16. Europe LiTaO₃ Crystal Sales by Type (2019-2024) & (K Pcs)
- Table 17. Europe LiTaO₃ Crystal Sales by Type (2019-2024) & (US\$ Million)
- Table 18. Asia-Pacific LiTaO₃ Crystal Sales by Type (2019-2024) & (K Pcs)
- Table 19. Asia-Pacific LiTaO₃ Crystal Sales by Type (2019-2024) & (US\$ Million)
- Table 20. Latin America LiTaO₃ Crystal Sales by Type (2019-2024) & (K Pcs)
- Table 21. Latin America LiTaO₃ Crystal Sales by Type (2019-2024) & (US\$ Million)
- Table 22. Middle East and Africa LiTaO₃ Crystal Sales by Type (2019-2024) & (K Pcs)
- Table 23. Middle East and Africa LiTaO₃ Crystal Sales by Type (2019-2024) & (US\$ Million)
- Table 24. LiTaO₃ Crystal Industry Trends
- Table 25. LiTaO₃ Crystal Industry Drivers
- Table 26. LiTaO₃ Crystal Industry Opportunities and Challenges
- Table 27. LiTaO₃ Crystal Industry Restraints
- Table 28. Global LiTaO₃ Crystal Sales Revenue by Company (US\$ Million) & (2019-2024)
- Table 29. Global LiTaO₃ Crystal Revenue Market Share by Company (2019-2024)
- Table 30. Global LiTaO₃ Crystal Sales by Company (2019-2024) & (K Pcs)
- Table 31. Global LiTaO₃ Crystal Sales Share by Company (2019-2024)
- Table 32. Global LiTaO₃ Crystal Market Price by Company (2019-2024) & (K USD/Pcs)
- Table 33. Global LiTaO₃ Crystal Industry Company Ranking, 2022 VS 2023 VS 2024

Table 34. Global LiTaO3 Crystal Key Company Manufacturing Sites & Headquarters

Table 35. Global LiTaO3 Crystal Company, Product Type & Application

Table 36. Global LiTaO3 Crystal Company Commercialization Time

Table 37. Global Company Market Concentration Ratio (CR5 and HHI)

Table 38. Global LiTaO3 Crystal by Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue of 2023)

Table 39. Global LiTaO3 Crystal Market Size Comparison by Region (US\$ Million): 2019 VS 2023 VS 2030

Table 40. Global LiTaO3 Crystal Sales by Region (2019-2024) & (K Pcs)

Table 41. Global LiTaO3 Crystal Sales Market Share in Volume by Region (2019-2024)

Table 42. Global LiTaO3 Crystal Sales by Region (2019-2024) & (US\$ Million)

Table 43. Global LiTaO3 Crystal Sales Market Share in Value by Region (2019-2024)

Table 44. Global LiTaO3 Crystal Sales (K Pcs), Value (US\$ Million), Price (K USD/Pcs) and Gross Margin (2019-2024)

Table 45. Global LiTaO3 Crystal Sales by Region (2025-2030) & (K Pcs)

Table 46. Global LiTaO3 Crystal Sales Market Share in Volume by Region (2025-2030)

Table 47. Global LiTaO3 Crystal Sales by Region (2025-2030) & (US\$ Million)

Table 48. Global LiTaO3 Crystal Sales Market Share in Value by Region (2025-2030)

Table 49. Global LiTaO3 Crystal Sales (K Pcs), Value (US\$ Million), Price (K USD/Pcs) and Gross Margin (2025-2030)

Table 50. Global LiTaO3 Crystal Sales by Application (2019 VS 2023 VS 2030) & (US\$ Million)

Table 51. Global LiTaO3 Crystal Sales by Application (2019-2024) & (K Pcs)

Table 52. Global LiTaO3 Crystal Sales Market Share in Volume by Application (2019-2024)

Table 53. Global LiTaO3 Crystal Sales by Application (2019-2024) & (US\$ Million)

Table 54. Global LiTaO3 Crystal Sales Market Share in Value by Application (2019-2024)

Table 55. Global LiTaO3 Crystal Price by Application (2019-2024) & (K USD/Pcs)

Table 56. Global LiTaO3 Crystal Sales by Application (2025-2030) & (K Pcs)

Table 57. Global LiTaO3 Crystal Sales Market Share in Volume by Application (2025-2030)

Table 58. Global LiTaO3 Crystal Sales by Application (2025-2030) & (US\$ Million)

Table 59. Global LiTaO3 Crystal Sales Market Share in Value by Application (2025-2030)

Table 60. Global LiTaO3 Crystal Price by Application (2025-2030) & (K USD/Pcs)

Table 61. North America LiTaO3 Crystal Sales by Application (2019-2024) & (K Pcs)

Table 62. North America LiTaO3 Crystal Sales by Application (2019-2024) & (US\$ Million)

- Table 63. Europe LiTaO3 Crystal Sales by Application (2019-2024) & (K Pcs)
- Table 64. Europe LiTaO3 Crystal Sales by Application (2019-2024) & (US\$ Million)
- Table 65. Asia-Pacific LiTaO3 Crystal Sales by Application (2019-2024) & (K Pcs)
- Table 66. Asia-Pacific LiTaO3 Crystal Sales by Application (2019-2024) & (US\$ Million)
- Table 67. Latin America LiTaO3 Crystal Sales by Application (2019-2024) & (K Pcs)
- Table 68. Latin America LiTaO3 Crystal Sales by Application (2019-2024) & (US\$ Million)
- Table 69. Middle East and Africa LiTaO3 Crystal Sales by Application (2019-2024) & (K Pcs)
- Table 70. Middle East and Africa LiTaO3 Crystal Sales by Application (2019-2024) & (US\$ Million)
- Table 71. Shin-Etsu Company Information
- Table 72. Shin-Etsu Business Overview
- Table 73. Shin-Etsu LiTaO3 Crystal Sales (K Pcs), Revenue (US\$ Million), Price (K USD/Pcs) and Gross Margin (2019-2024)
- Table 74. Shin-Etsu LiTaO3 Crystal Product Portfolio
- Table 75. Shin-Etsu Recent Development
- Table 76. Sumitomo Metal Mining Company Information
- Table 77. Sumitomo Metal Mining Business Overview
- Table 78. Sumitomo Metal Mining LiTaO3 Crystal Sales (K Pcs), Revenue (US\$ Million), Price (K USD/Pcs) and Gross Margin (2019-2024)
- Table 79. Sumitomo Metal Mining LiTaO3 Crystal Product Portfolio
- Table 80. Sumitomo Metal Mining Recent Development
- Table 81. Koike Company Information
- Table 82. Koike Business Overview
- Table 83. Koike LiTaO3 Crystal Sales (K Pcs), Revenue (US\$ Million), Price (K USD/Pcs) and Gross Margin (2019-2024)
- Table 84. Koike LiTaO3 Crystal Product Portfolio
- Table 85. Koike Recent Development
- Table 86. CETC Company Information
- Table 87. CETC Business Overview
- Table 88. CETC LiTaO3 Crystal Sales (K Pcs), Revenue (US\$ Million), Price (K USD/Pcs) and Gross Margin (2019-2024)
- Table 89. CETC LiTaO3 Crystal Product Portfolio
- Table 90. CETC Recent Development
- Table 91. Crystalwise Company Information
- Table 92. Crystalwise Business Overview
- Table 93. Crystalwise LiTaO3 Crystal Sales (K Pcs), Revenue (US\$ Million), Price (K USD/Pcs) and Gross Margin (2019-2024)

Table 94. Crystalwise LiTaO3 Crystal Product Portfolio

Table 95. Crystalwise Recent Development

Table 96. DE&JS Company Information

Table 97. DE&JS Business Overview

Table 98. DE&JS LiTaO3 Crystal Sales (K Pcs), Revenue (US\$ Million), Price (K USD/Pcs) and Gross Margin (2019-2024)

Table 99. DE&JS LiTaO3 Crystal Product Portfolio

Table 100. DE&JS Recent Development

Table 101. CASTECH Company Information

Table 102. CASTECH Business Overview

Table 103. CASTECH LiTaO3 Crystal Sales (K Pcs), Revenue (US\$ Million), Price (K USD/Pcs) and Gross Margin (2019-2024)

Table 104. CASTECH LiTaO3 Crystal Product Portfolio

Table 105. CASTECH Recent Development

Table 106. WUZE Company Information

Table 107. WUZE Business Overview

Table 108. WUZE LiTaO3 Crystal Sales (K Pcs), Revenue (US\$ Million), Price (K USD/Pcs) and Gross Margin (2019-2024)

Table 109. WUZE LiTaO3 Crystal Product Portfolio

Table 110. WUZE Recent Development

Table 111. Sawyer Technical Materials LLC Company Information

Table 112. Sawyer Technical Materials LLC Business Overview

Table 113. Sawyer Technical Materials LLC LiTaO3 Crystal Sales (K Pcs), Revenue (US\$ Million), Price (K USD/Pcs) and Gross Margin (2019-2024)

Table 114. Sawyer Technical Materials LLC LiTaO3 Crystal Product Portfolio

Table 115. Sawyer Technical Materials LLC Recent Development

Table 116. SIOM Company Information

Table 117. SIOM Business Overview

Table 118. SIOM LiTaO3 Crystal Sales (K Pcs), Revenue (US\$ Million), Price (K USD/Pcs) and Gross Margin (2019-2024)

Table 119. SIOM LiTaO3 Crystal Product Portfolio

Table 120. SIOM Recent Development

Table 121. Tera XTAL Company Information

Table 122. Tera XTAL Business Overview

Table 123. Tera XTAL LiTaO3 Crystal Sales (K Pcs), Revenue (US\$ Million), Price (K USD/Pcs) and Gross Margin (2019-2024)

Table 124. Tera XTAL LiTaO3 Crystal Product Portfolio

Table 125. Tera XTAL Recent Development

Table 126. Nihon Exceed Corporation Company Information

- Table 127. Nihon Exceed Corporation Business Overview
- Table 128. Nihon Exceed Corporation LiTaO3 Crystal Sales (K Pcs), Revenue (US\$ Million), Price (K USD/Pcs) and Gross Margin (2019-2024)
- Table 129. Nihon Exceed Corporation LiTaO3 Crystal Product Portfolio
- Table 130. Nihon Exceed Corporation Recent Development
- Table 131. OTIC Company Information
- Table 132. OTIC Business Overview
- Table 133. OTIC LiTaO3 Crystal Sales (K Pcs), Revenue (US\$ Million), Price (K USD/Pcs) and Gross Margin (2019-2024)
- Table 134. OTIC LiTaO3 Crystal Product Portfolio
- Table 135. OTIC Recent Development
- Table 136. Union Optic Company Information
- Table 137. Union Optic Business Overview
- Table 138. Union Optic LiTaO3 Crystal Sales (K Pcs), Revenue (US\$ Million), Price (K USD/Pcs) and Gross Margin (2019-2024)
- Table 139. Union Optic LiTaO3 Crystal Product Portfolio
- Table 140. Union Optic Recent Development
- Table 141. KAIJING OPTICS Company Information
- Table 142. KAIJING OPTICS Business Overview
- Table 143. KAIJING OPTICS LiTaO3 Crystal Sales (K Pcs), Revenue (US\$ Million), Price (K USD/Pcs) and Gross Margin (2019-2024)
- Table 144. KAIJING OPTICS LiTaO3 Crystal Product Portfolio
- Table 145. KAIJING OPTICS Recent Development
- Table 146. North America LiTaO3 Crystal Market Size Growth Rate (CAGR) by Country (K Pcs): 2019 VS 2023 VS 2030
- Table 147. North America LiTaO3 Crystal Sales by Country (2019-2024) & (K Pcs)
- Table 148. North America LiTaO3 Crystal Sales Market Share by Country (2019-2024)
- Table 149. North America LiTaO3 Crystal Sales Forecast by Country (2025-2030) & (K Pcs)
- Table 150. North America LiTaO3 Crystal Sales Market Share Forecast by Country (2025-2030)
- Table 151. North America LiTaO3 Crystal Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030
- Table 152. North America LiTaO3 Crystal Market Size by Country (2019-2024) & (US\$ Million)
- Table 153. North America LiTaO3 Crystal Market Share by Country (2019-2024)
- Table 154. North America LiTaO3 Crystal Market Size Forecast by Country (2025-2030) & (US\$ Million)
- Table 155. North America LiTaO3 Crystal Market Share Forecast by Country

(2025-2030)

Table 156. Europe LiTaO3 Crystal Market Size Growth Rate (CAGR) by Country (K Pcs): 2019 VS 2023 VS 2030

Table 157. Europe LiTaO3 Crystal Sales by Country (2019-2024) & (K Pcs)

Table 158. Europe LiTaO3 Crystal Sales Market Share by Country (2019-2024)

Table 159. Europe LiTaO3 Crystal Sales Forecast by Country (2025-2030) & (K Pcs)

Table 160. Europe LiTaO3 Crystal Sales Market Share Forecast by Country (2025-2030)

Table 161. Europe LiTaO3 Crystal Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 162. Europe LiTaO3 Crystal Market Size by Country (2019-2024) & (US\$ Million)

Table 163. Europe LiTaO3 Crystal Market Share by Country (2019-2024)

Table 164. Europe LiTaO3 Crystal Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 165. Europe LiTaO3 Crystal Market Share Forecast by Country (2025-2030)

Table 166. Asia-Pacific LiTaO3 Crystal Market Size Growth Rate (CAGR) by Country (K Pcs): 2019 VS 2023 VS 2030

Table 167. Asia-Pacific LiTaO3 Crystal Sales by Country (2019-2024) & (K Pcs)

Table 168. Asia-Pacific LiTaO3 Crystal Sales Market Share by Country (2019-2024)

Table 169. Asia-Pacific LiTaO3 Crystal Sales Forecast by Country (2025-2030) & (K Pcs)

Table 170. Asia-Pacific LiTaO3 Crystal Sales Market Share Forecast by Country (2025-2030)

Table 171. Asia-Pacific LiTaO3 Crystal Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 172. Asia-Pacific LiTaO3 Crystal Market Size by Country (2019-2024) & (US\$ Million)

Table 173. Asia-Pacific LiTaO3 Crystal Market Share by Country (2019-2024)

Table 174. Asia-Pacific LiTaO3 Crystal Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 175. Asia-Pacific LiTaO3 Crystal Market Share Forecast by Country (2025-2030)

Table 176. Latin America LiTaO3 Crystal Market Size Growth Rate (CAGR) by Country (K Pcs): 2019 VS 2023 VS 2030

Table 177. Latin America LiTaO3 Crystal Sales by Country (2019-2024) & (K Pcs)

Table 178. Latin America LiTaO3 Crystal Sales Market Share by Country (2019-2024)

Table 179. Latin America LiTaO3 Crystal Sales Forecast by Country (2025-2030) & (K Pcs)

Table 180. Latin America LiTaO3 Crystal Sales Market Share Forecast by Country (2025-2030)

Table 181. Latin America LiTaO3 Crystal Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 182. Latin America LiTaO3 Crystal Market Size by Country (2019-2024) & (US\$ Million)

Table 183. Latin America LiTaO3 Crystal Market Share by Country (2019-2024)

Table 184. Latin America LiTaO3 Crystal Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 185. Latin America LiTaO3 Crystal Market Share Forecast by Country (2025-2030)

Table 186. Middle East and Africa LiTaO3 Crystal Market Size Growth Rate (CAGR) by Country (K Pcs): 2019 VS 2023 VS 2030

Table 187. Middle East and Africa LiTaO3 Crystal Sales by Country (2019-2024) & (K Pcs)

Table 188. Middle East and Africa LiTaO3 Crystal Sales Market Share by Country (2019-2024)

Table 189. Middle East and Africa LiTaO3 Crystal Sales Forecast by Country (2025-2030) & (K Pcs)

Table 190. Middle East and Africa LiTaO3 Crystal Sales Market Share Forecast by Country (2025-2030)

Table 191. Middle East and Africa LiTaO3 Crystal Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 192. Middle East and Africa LiTaO3 Crystal Market Size by Country (2019-2024) & (US\$ Million)

Table 193. Middle East and Africa LiTaO3 Crystal Market Share by Country (2019-2024)

Table 194. Middle East and Africa LiTaO3 Crystal Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 195. Middle East and Africa LiTaO3 Crystal Market Share Forecast by Country (2025-2030)

Table 196. Key Raw Materials

Table 197. Raw Materials Key Suppliers

Table 198. LiTaO3 Crystal Distributors List

Table 199. LiTaO3 Crystal Customers List

Table 200. Research Programs/Design for This Report

Table 201. Authors List of This Report

Table 202. Secondary Sources

Table 203. Primary Sources

List Of Figures

LIST OF FIGURES

- Figure 1. LiTaO3 Crystal Product Picture
- Figure 2. Global LiTaO3 Crystal Market Size (US\$ Million), 2019 VS 2023 VS 2030
- Figure 3. Global LiTaO3 Crystal Market Size (2019-2030) & (US\$ Million)
- Figure 4. Global LiTaO3 Crystal Sales (2019-2030) & (K Pcs)
- Figure 5. Product Picture of White LiTaO3
- Figure 6. Global White LiTaO3 Sales YoY Growth (2019-2030) & (K Pcs)
- Figure 7. Product Picture of Black LiTaO3
- Figure 8. Global Black LiTaO3 Sales YoY Growth (2019-2030) & (K Pcs)
- Figure 9. Global LiTaO3 Crystal Market Size Overview by Type (2019-2030) & (US\$ Million)
- Figure 10. Global LiTaO3 Crystal Market Share by Type 2023 VS 2030
- Figure 11. North America LiTaO3 Crystal Sales Market Share in Volume by Type in 2023
- Figure 12. North America LiTaO3 Crystal Sales Market Share in Value by Type in 2023
- Figure 13. Europe LiTaO3 Crystal Sales Market Share in Volume by Type in 2023
- Figure 14. Europe LiTaO3 Crystal Sales Market Share in Value by Type in 2023
- Figure 15. Asia-Pacific LiTaO3 Crystal Sales Market Share in Volume by Type in 2023
- Figure 16. Asia-Pacific LiTaO3 Crystal Sales Market Share in Value by Type in 2023
- Figure 17. Latin America LiTaO3 Crystal Sales Market Share in Volume by Type in 2023
- Figure 18. Latin America LiTaO3 Crystal Sales Market Share in Value by Type in 2023
- Figure 19. Middle East and Africa LiTaO3 Crystal Sales Market Share in Volume by Type in 2023
- Figure 20. Middle East and Africa LiTaO3 Crystal Sales Market Share in Value by Type in 2023
- Figure 21. Global Top 5 and 10 LiTaO3 Crystal Players Market Share by Revenue in 2023
- Figure 22. Company Type (Tier 1, Tier 2, and Tier 3): 2019 VS 2023
- Figure 23. Product Picture of Surface Acoustic Wave
- Figure 24. Global Surface Acoustic Wave Sales YoY Growth (2019-2030) & (K Pcs)
- Figure 25. Product Picture of Electro-Optical
- Figure 26. Global Electro-Optical Sales YoY Growth (2019-2030) & (K Pcs)
- Figure 27. Product Picture of Piezoelectric
- Figure 28. Global Piezoelectric Sales YoY Growth (2019-2030) & (K Pcs)
- Figure 29. Product Picture of Pyroelectric

Figure 30. Global Pyroelectric Sales YoY Growth (2019-2030) & (K Pcs)

Figure 31. Product Picture of Other

Figure 32. Global Other Sales YoY Growth (2019-2030) & (K Pcs)

Figure 33. Global LiTaO₃ Crystal Market Size Overview by Application (2019-2030) & (US\$ Million)

Figure 34. Global LiTaO₃ Crystal Market Share by Application 2023 VS 2030

Figure 35. North America LiTaO₃ Crystal Sales Market Share in Volume by Application in 2023

Figure 36. North America LiTaO₃ Crystal Sales Market Share in Value by Application in 2023

Figure 37. Europe LiTaO₃ Crystal Sales Market Share in Volume by Application in 2023

Figure 38. Europe LiTaO₃ Crystal Sales Market Share in Value by Application in 2023

Figure 39. Asia-Pacific LiTaO₃ Crystal Sales Market Share in Volume by Application in 2023

Figure 40. Asia-Pacific LiTaO₃ Crystal Sales Market Share in Value by Application in 2023

Figure 41. Latin America LiTaO₃ Crystal Sales Market Share in Volume by Application in 2023

Figure 42. Latin America LiTaO₃ Crystal Sales Market Share in Value by Application in 2023

Figure 43. Middle East and Africa LiTaO₃ Crystal Sales Market Share in Volume by Application in 2023

Figure 44. Middle East and Africa LiTaO₃ Crystal Sales Market Share in Value by Application in 2023

Figure 45. North America LiTaO₃ Crystal Sales by Country: 2019 VS 2023 VS 2030 (K Pcs)

Figure 46. North America LiTaO₃ Crystal Sales Share by Country: 2019 VS 2023 VS 2030

Figure 47. North America LiTaO₃ Crystal Market Size by Country: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 48. North America LiTaO₃ Crystal Market Share by Country: 2019 VS 2023 VS 2030

Figure 49. Europe LiTaO₃ Crystal Sales by Country: 2019 VS 2023 VS 2030 (K Pcs)

Figure 50. Europe LiTaO₃ Crystal Sales Share by Country: 2019 VS 2023 VS 2030

Figure 51. Europe LiTaO₃ Crystal Market Size by Country: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 52. Europe LiTaO₃ Crystal Market Share by Country: 2019 VS 2023 VS 2030

Figure 53. Asia-Pacific LiTaO₃ Crystal Sales by Country: 2019 VS 2023 VS 2030 (K Pcs)

Figure 54. Asia-Pacific LiTaO3 Crystal Sales Share by Country: 2019 VS 2023 VS 2030

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