

Global Battery Grade Manganese Tetroxide (Mn₃O₄) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G1BC7B66A9AAEN.html>

Date: September 2024

Pages: 105

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

ID: G1BC7B66A9AAEN

Abstracts

This report studies the Battery Grade Manganese Tetroxide (Mn₃O₄), (also called Manganese Tetroxide (Mn₃O₄)). The Li-ion battery material grade Mn₃O₄, has advantages such as high purity, near spheroid particle shape, and uniform doping, etc. Lithium manganate (LMO) synthesized by the Mn₃O₄ has characteristics of high gram capacity, good high temperature storage and cycling performance. Application field: Mainly used for the preparation of lithium manganate, it can also act on manganese iron phosphate and sodium cathode materials.

According to our (Global Info Research) latest study, the global Battery Grade Manganese Tetroxide (Mn₃O₄) market size was valued at US\$ 66.5 million in 2023 and is forecast to a readjusted size of USD 863 million by 2030 with a CAGR of 40.2% during review period.

Global key players of Battery Grade Manganese Tetroxide include Sinosteel New Materials, Guizhou Dalong Huicheng New Material, Hunan SF Energy Corporation, etc. The top three players hold a share over 84%. China is the largest market, and has a share about 94%, followed by Japan with share 3%. In terms of product type, Manganese Metal Method is the largest segment, occupied for a share of 68%. In terms of application, LMO has a share about 91 percent.

This report is a detailed and comprehensive analysis for global Battery Grade Manganese Tetroxide (Mn₃O₄) market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Production Method and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing

demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2024, are provided.

Key Features:

Global Battery Grade Manganese Tetroxide (Mn₃O₄) market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2019-2030

Global Battery Grade Manganese Tetroxide (Mn₃O₄) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2019-2030

Global Battery Grade Manganese Tetroxide (Mn₃O₄) market size and forecasts, by Production Method and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2019-2030

Global Battery Grade Manganese Tetroxide (Mn₃O₄) market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2019-2024

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Battery Grade Manganese Tetroxide (Mn₃O₄)

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Battery Grade Manganese Tetroxide (Mn₃O₄) market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Sinosteel New Materials, Guizhou Dalong Huicheng New Material, Changsha Research Institute of Mining and Metallurgy, Guangxi Menghua Technology, Hunan SF Energy Corporation, Sichuan Zhongzhe New Material Technology, Xiangtan Electrochemical Scientific, Vibrantz Technologies Inc. (Prince), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Battery Grade Manganese Tetroxide (Mn_3O_4) market is split by Production Method and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Production Method, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Production Method

Manganese Ore Method

Manganese Metal Method

Market segment by Application

LMO

LMFP

Others

Major players covered

Sinosteel New Materials

Guizhou Dalong Huicheng New Material

Changsha Research Institute of Mining and Metallurgy

Guangxi Menghua Technology

Hunan SF Energy Corporation

Sichuan Zhongzhe New Material Technology

Xiangtan Electrochemical Scientific

Vibrantz Technologies Inc. (Prince)

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

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

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

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

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

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

Chapter 1, to describe Battery Grade Manganese Tetroxide (Mn₃O₄) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Battery Grade Manganese Tetroxide (Mn₃O₄), with price, sales quantity, revenue, and global market share of Battery Grade Manganese Tetroxide (Mn₃O₄) from 2019 to 2024.

Chapter 3, the Battery Grade Manganese Tetroxide (Mn₃O₄) competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Battery Grade Manganese Tetroxide (Mn₃O₄) breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Production Method and by Application, with

sales market share and growth rate by Production Method, by Application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2019 to 2024. and Battery Grade Manganese Tetroxide (Mn_3O_4) market forecast, by regions, by Production Method, and by Application, with sales and revenue, from 2025 to 2030.

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

Chapter 13, the key raw materials and key suppliers, and industry chain of Battery Grade Manganese Tetroxide (Mn_3O_4).

Chapter 14 and 15, to describe Battery Grade Manganese Tetroxide (Mn_3O_4) sales channel, distributors, customers, research findings and conclusion.

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