

# Global Chiral Column Chromatography System Market 2018 by Manufacturers, Regions, Type and Application, Forecast to 2023

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## Abstracts

Chiral compounds are optically active and enable to rotate the polarized light to the right or to the left depending on the configuration of sample molecule. These compounds have identical physical properties. Chiral column chromatography system is primarily used for the separation and purification of optically active chiral compound. Chiral column chromatography is a laboratory technique that comprises single enantiomer of chiral compound as stationary phase and chiral selector as a mobile phase. The stationary phase of chiral column chromatography is prepared by attaching chiral compound to the suitable achiral support such as silica gel and others which makes chiral stationary phase (CSP). This chromatography system is used for the synthesis of enantiopure compounds (mirror image of the compound) in the pharmaceutical industries. Detectors such as polarimeter, optical rotary dispersion and circular dichroism are used in chiral column chromatography system.

## SCOPE OF THE REPORT:

This report focuses on the Chiral Column Chromatography System in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Geographically, North America is considered as the largest market of chiral column chromatography owing to increasing investment by key companies such as Sigma-Aldrich Corporation LLC and others to develop chromatography field in North America. In addition, growing demand of green technologies coupled with technological advancements has created new end-users in petrochemical and life sciences for chiral column chromatography which would further act as the driving factor for the growth of

chiral column chromatography market. Europe is considered as the second largest market of chiral column chromatography.

The worldwide market for Chiral Column Chromatography System is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Sigma-Aldrich

Waters

Thermo Fisher Scientific

Agilent Technologies

Affymetrix

Shimadzu

GE Healthcare

Phenomenex

PerkinElmer

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Gas Chromatography System

Liquid Chromatography System

Market Segment by Applications, can be divided into

Research Laboratories

Pharmaceutical

Biotechnology Industries

There are 15 Chapters to deeply display the global Chiral Column Chromatography System market.

Chapter 1, to describe Chiral Column Chromatography System Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Chiral Column Chromatography System, with sales, revenue, and price of Chiral Column Chromatography System, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Chiral Column Chromatography System, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share

and growth rate by type, application, from 2013 to 2018;

Chapter 12, Chiral Column Chromatography System market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Chiral Column Chromatography System sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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