

# Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Chiral HPLC Column Market 2018, Forecast to 2023

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## Abstracts

This report studies the Chiral HPLC Column market, Chiral HPLC column is an instrument used in chiral column chromatography which can separate chiral isomers (enantiomeric compounds).

Chiral column chromatography is a variant of column chromatography in which the stationary phase contains a single enantiomer of a chiral compound rather than being achiral. The two enantiomers of the same analyte compound differ in affinity to the single-enantiomer stationary phase and therefore they exit the column at different times.

### SCOPE OF THE REPORT:

This report focuses on the Chiral HPLC Column 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.

Chiral column chromatography is a variant of column chromatography in which the stationary phase contains a single enantiomer of a chiral compound rather than being achiral. The two enantiomers of the same analyte compound differ in affinity to the single-enantiomer stationary phase and therefore they exit the column at different times.

Chiral HPLC column is a concentrated market with Daicel Corporation holds a majority share of the market. The sole company takes sales volume share of global market with 68.02%. Advanced separation efficiency, Extensive product line, reasonable price, and after-sales service are the key factors to its success. However, a growing number of analytical materials companies are participating in the market, with leading players as Merck (Sigma-Aldrich), YMC and Phenomenex.

Chiral Stationary Phases (CSP's) may be classified according to column packing material types. Cellulose, Cyclodextrin, and Protein are the most commonly used types,

Other types include Macrocytic Antibiotics, Ligand Exchange and Prikle, etc. Most manufacturers have made its focus on the major types, which are widely used in analytical applications and bulk preparations.

The worldwide market for Chiral HPLC Column 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

Daicel Corporation

Merck (Sigma-Aldrich)

YMC

Phenomenex

Restek Corporation

Avantor Performance Materials

Shinwa Chemical Industries

Guangzhou Research and Creativity Biotechnology

Sumika Chemical

Mitsubishi Chemical

Osaka Soda (Shiseido)

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

Cellulose

Cyclodextrin

Protein

Other

Market Segment by Applications, can be divided into

Commercial Separations

Analytical/Small-scale Separation

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

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

Chapter 2, to analyze the top manufacturers of Chiral HPLC Column, with sales, revenue, and price of Chiral HPLC Column, 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 HPLC Column, 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 HPLC Column market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

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

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