

Chiral Separation Column Market by Application (Gas Chromatography System, Liquid Chromatography System, Supercritical Fluid Chromatography System, Thin Layer Chromatography System, Others) - Global Forecast to 2019

<https://marketpublishers.com/r/C7F52E9A867EN.html>

Date: April 2015

Pages: 112

Price: US\$ 4,250.00 (Single User License)

ID: C7F52E9A867EN

Abstracts

The global chiral separation chromatography columns market is estimated to grow at a CAGR of 5.2% from 2014 to 2019. Though the mature markets (such as the U.S., Germany, and the U.K.) hold larger shares in the chiral separation chromatography columns, the Asia-Pacific region is expected to grow at the highest CAGR of 6.3% in the forecast period. The growth of the chiral separation chromatography columns market is driven by factors such as government investment in chromatography techniques, advancements in chromatography instruments, increasing tie-ups with research laboratories & academic institutes, and an increasing importance of chromatography tests for drug approvals.

However, the need for skilled professionals and high costs of instruments hamper the growth of the global chiral separation chromatography columns market. Moreover, the growing adoption of green chromatography, rising proteomics market, and new product launches further create new opportunities for the global chiral separation chromatography columns market across various geographies.

In this report, the global chiral separation chromatography columns market has been broadly classified on the basis of applications, material, type, and end-user. The applications segment is further classified into liquid chromatography systems, gas chromatography systems, thin layer chromatography systems, and supercritical fluid chromatography. On the basis of materials, the market is segmented into metal (stainless steel), glass, and plastic. Based on types, the market is further classified into

empty columns and pre-packed columns. The end-users for the global chiral separation chromatography columns market are pharmaceutical & biotechnology industry, academics/ government laboratories/ research institutes, food & beverage industry, hospitals/clinic, nutraceutical companies, cosmetic industry, and environmental agencies.

Geographically, North America (comprising the U.S. and Canada) is estimated to command the largest share of 40.2% of the global chiral separation chromatography columns market in 2014, followed by Europe. The chiral separation chromatography columns market in North America is primarily driven by funding in medical research, the North American drug development regulations that demand chromatographic methods of analysis for drug approval, growing metabolomics researches in the U.S., and direct & indirect financial investments in chromatography accessories.

However, high costs of instrument, installation costs, and reimbursement issues hamper the growth of the chiral separation chromatography columns market in this region. The Asia-Pacific region is estimated to grow at the highest CAGR of 6.3% from 2014 to 2019. Factors such as the growing demand for chromatography procedures for life sciences, biotechnology, chemicals, pesticide, food & beverage, and other similar industries; geographic expansions of major chromatography players in the regional market and increased government investments in the biomedical industry drive the growth of the chiral separation chromatography columns market in Asia-Pacific.

The global chiral separation chromatography columns market is a competitive market with a number of market players. As of 2014, the global chiral separation chromatography columns market is estimated to be dominated by Agilent Technologies (U.S.), Thermo Fisher Scientific Inc.,(U.S.), Waters Corporation (U.S.), GE Healthcare (U.K.), and Phenomenex, Inc. (U.S.), Sigma Aldrich Co. (U.S.), and Shimadzu Corporation (Japan). New product launches & partnerships, agreements, collaborations, and joint ventures are the major strategies adopted by most market players to achieve growth in the chiral separation chromatography columns market.

Reasons to Buy the Report:

From an insight perspective, this research report has focused on various levels of analysis—industry analysis (industry trends and PEST analysis), market share analysis of top players, supply chain analysis, and company profiles, which together comprise and discuss basic views on the competitive landscape, emerging- and high-growth segments of the chiral separation chromatography columns market, high-growth regions

& their respective regulatory policies, government initiatives, drivers, restraints, and opportunities.

The report will enrich both the established firms as well as new entrants/smaller firms to gauge the pulse of the market, which in turn will help the firms garner a greater market share. Firms that purchase the report could use any one or a combination of five strategies that include market penetration, product development/innovation, market development, market diversification, and competitive assessment to strengthen their market share.

The report provides insights on the following pointers:

Market Penetration: Comprehensive information on the chiral separation chromatography techniques offered by top players in the chiral separation chromatography columns market.

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product launches in the chiral separation chromatography columns market.

Market Development: Comprehensive information of lucrative emerging markets. The report analyzes the markets for various chiral separation chromatography techniques across geographies.

Market Diversification: Exhaustive information of new products, untapped geographies, recent developments, and investments in the chiral separation chromatography columns market.

Competitive Assessment: In-depth assessment of the market shares, strategies, products, and manufacturing capabilities of leading players in the chiral separation chromatography columns market.

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