

PLAGIARISM SCAN REPORT

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Analytical chemistry is the acquaintance of procurement, processing, and communicating evidence about the composition and structure of matter. In other words, it is the art and discipline of defining what matter is and how much of it subsists. In the recent years Analytical chemistry was the most popular field of work for ACS chemists. Spectroscopy is one of the key techniques used in analytical chemistry. Apparatuses like HPLCs combined with MS, GCs fixed with MS and atomic absorption spectrometers implement spectroscopy. Computerization theaters an important role in these instruments, confirming that results gained are consistent and accurate in nature. As the amount of liquid entities, like reagents and samples is very high, liquid handling is a chief area of concern. There is a huge mandate for automatic liquid handling equipment in the analytical chemistry laboratory The global lab automation in analytical chemistry market is expected to register a CAGR of 5.70 %; over during the forecast period 2018-2023. Technological innovations have improved productivity of clinical labs. With the increasing dependence on technology based systems and drastic growth of internet driven processes is driving the need for automation. Digital transformation - connecting devices with internet safeguards remote monitoring, alerts, remote control, and notifications for entirety. Using manual systems constantly exposes to the risk of errors, these systems assemble data digitally and accurately, which would decrease the time by 60 percent.

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