

Middle East & Africa Lyophilization Services for Biopharmaceuticals Market Forecast to 2030 – Regional Analysis – by Service Type (Lyophilization Cycle Development, Clinical Manufacturing, Commercial Manufacturing, and Freeze Drying Analytical Services) and End-User (Pharmaceutical & Biotechnology Companies, Research Institutes, and Other)

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Abstracts

The Middle East & Africa lyophilization services for biopharmaceuticals market was valued at US\$ 63.68 million in 2023 and is expected to reach US\$ 97.55 million by 2028; it is estimated to grow at a CAGR of 8.9% from 2023 to 2028.

Rising Demand for Lyophilized Products Fuels the Middle East & Africa Lyophilization Services for Biopharmaceuticals Market

Lyophilization is a freeze drying method that removes water from the material to extend its stability and shelf life. The products processed under lyophilization are frozen under high vacuum that is majorly used for application in pharmaceutical industries to manufacture high quality and affordable products. Many new parenteral products, including biotechnology-derived products, in-vitro diagnostics, and anti-infectives, are manufactured as lyophilized products. Many antibiotics such as some cephalosporins, semi-synthetic penicillin, erythromycin salts, chloramphenicol, and doxycycline are made by the lyophilization process. Low bioburden is expected when batching antibiotics formulations, which can be attained using lyophilization. Similarly, a few other dosage forms such as methylprednisolone sodium succinate, hydrocortisone sodium



succinate, and many biotechnology-derived products are lyophilized.

Additionally, the number of biopharmaceuticals being developed and manufactured has increased considerably in recent years. Although lyophilization has been used for more than half a century in the drug product manufacturing industry owing to its ability to stabilize and extend the shelf life of pharmaceutical products, thus interest of biopharmaceutical manufacturers continues to grow, mainly due to the increasing number of biological drug development. Drug developers are focusing on adopting lyophilization as it can extend the shelf life of small and large-molecule drugs. The prevalence of formulation stability challenges for complex APIs and biologics has resulted in the adoption of lyophilization among most pharmaceutical and biotech manufacturers. Further, lyophilization become important in the biotech industry, as several suppliers are introducing lyo-ready or pre-lyophilized products to the marketplace. As a result, the demand for lyophilization services is growing rapidly, which is driving the growth of the Middle East & Africa lyophilization services for biopharmaceuticals market.

Middle East & Africa Lyophilization Services for Biopharmaceuticals Market Overview

The Middle East & Africa lyophilization services for biopharmaceuticals market has been segmented into the UAE, Saudi Arabia, South Africa, and the Rest of Middle East & Africa. Saudi Arabia is expected to account for the largest market share and is expected to develop moderately in the Middle East & Africa. The market growth is attributed to various factors, such as significant development in pharmaceutical industries, the awareness about the biopharmaceutical products, and the geographic expansion of market players.

Middle East & Africa Lyophilization Services for Biopharmaceuticals Market Revenue and Forecast to 2028 (US\$ Mn)

Middle East & Africa Lyophilization Services for Biopharmaceuticals Market Segmentation

The Middle East & Africa lyophilization services for biopharmaceuticals market is segmented service type, end user, and country.

Based on service type, the Middle East & Africa lyophilization services for biopharmaceuticals market is segmented into lyophilization cycle development, clinical manufacturing, commercial manufacturing, and freeze drying analytical services. The



commercial manufacturing segment held the largest market share in 2023.

Based on end-user, the Middle East & Africa lyophilization services for biopharmaceuticals market is categorized into pharmaceutical & biotechnology companies, research institutes, and other. The pharmaceutical & biotechnology companies segment held the largest market share in 2023.

Based on country, the Middle East & Africa lyophilization services for biopharmaceuticals market is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. Saudi Arabia dominated the Middle East & Africa lyophilization services for biopharmaceuticals market share in 2023.

ABB, Azbil Corporation, Busch, LLC, Curia Global Inc, Jubilant HollisterStier LLC., and Labconco are some of the leading companies operating in the Middle East & Africa lyophilization services for biopharmaceuticals market.



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