

UAE Pesticide Residue Testing Market By Type (Herbicides, Insecticides, Fungicides and Others), By Technology (Single Residue Method, Multiple Residue Method, Others), By Class (Organochlorines, Organophosphates and Others), By Food Tested (Meat & Poultry, Dairy Products, Others), By Region, By Competition, Forecast & Opportunities, 2020-2030F

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Abstracts

UAE Pesticide Residue Testing Market was valued at USD 88.34 Million in 2024 and is expected to reach USD 131.56 Million by 2030 with a CAGR of 6.86% during the forecast period. Pesticide Residue Testing is a critical process in the food industry that ensures the safety and integrity of consumable products. It involves analyzing food crops and products for traces of pesticides, herbicides, fungicides, and other chemical compounds that may have been used during their cultivation or production process. This testing is essential to verify that the levels of these residues are within acceptable safety limits set by regulatory bodies. It not only helps safeguard consumer health but also adheres to international trade standards.

The UAE Pesticide Residue Testing Market has been witnessing a steady growth due to the rising awareness about food safety and increasing import and export activities of food products. Given the stringent food safety laws in the country, there is a high demand for pesticide residue testing, to ensure compliance with both UAE and international guidelines. This market comprises several players, including laboratories and companies offering advanced testing services, equipped with state-of-the-art technology and methodologies. The growing focus on sustainability and organic farming practices in the UAE has further bolstered the need for such testing.

Key Market Drivers

Increasing Import of Food Products

The UAE is a major hub for international trade, and a significant portion of its food supply is imported. With a growing population and increasing consumer demand for a diverse range of food products, the country relies heavily on imports from various regions. This influx of food products necessitates rigorous pesticide residue testing to meet the stringent safety standards set by local authorities. The expanding global trade network and the diverse origins of imported food products contribute to the rising demand for reliable pesticide residue testing services in the UAE. Importers and distributors seek to ensure that the food items reaching local markets comply with regulatory requirements, fostering the growth of the pesticide residue testing market. According to the data published by OEC, the fastest growing export markets for Foodstuffs of United Arab Emirates between 2021 and 2022 were Kuwait (\$648M), Iraq (\$335M), and Italy (\$279M). Imports In 2022, United Arab Emirates imported \$7.84B in Foodstuffs, becoming the 23rd largest importer of Foodstuffs in the world.

Key Market Challenges

Emergence of New Pesticides & Contaminants

The continuous development and introduction of new pesticides and contaminants into agricultural practices pose a challenge for pesticide residue testing in the UAE. As agriculture evolves, so do the types of chemicals used in pest control, and testing laboratories must constantly adapt to detect and quantify emerging contaminants accurately.

The rapid identification and validation of testing methods for novel pesticides and contaminants require continuous research and close collaboration between testing laboratories, regulatory bodies, and the agricultural industry. This partnership aims to address the ongoing challenge of staying ahead of the curve in the dynamic landscape of agricultural chemical use. By constantly updating and refining testing protocols, stakeholders strive to ensure their effectiveness in detecting and monitoring the ever-evolving range of pesticides and contaminants that may pose risks to the environment and human health. This collective effort plays a pivotal role in safeguarding the sustainability and safety of our food systems.

Key Market Players

Eurofins Biomnis Middle East

Bureau Veritas Middle East

SGS United Arab Emirates

Intertek Middle East

Asurequality Ltd.

SCS Middle East

Report Scope:

In this report, the UAE Pesticide Residue Testing Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

UAE Pesticide Residue Testing Market, By Type:

Herbicides

Insecticides

Fungicides

Others

UAE Pesticide Residue Testing Market, By Technology:

Single Residue Method

Multiple Residue Method

Others

UAE Pesticide Residue Testing Market, By Class:

Organochlorines

Organophosphates

Others

UAE Pesticide Residue Testing Market, By Food Tested:

Meat & Poultry

Dairy Products

Others

UAE Food Emulsifiers Market, By Region:

Dubai

Abu Dhabi

Sharjah

Rest of UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the UAE Pesticide Residue Testing Market.

Available Customizations:

UAE Pesticide Residue Testing market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

UAE Pesticide Residue Testing Market By Type (Herbicides, Insecticides, Fungicides and Others), By Technology...

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