

Ultrapure Water Market by Equipment, Material, and Service (Filtration, Consumables/Aftermarket), Application (Washing Fluid, Process Feed), End-Use Industry (Semiconductor, Power, Pharmaceutical), and Region - Global Forecast to 2027

<https://marketpublishers.com/r/UDAFCD6EC1AEN.html>

Date: May 2023

Pages: 189

Price: US\$ 4,950.00 (Single User License)

ID: UDAFCD6EC1AEN

Abstracts

The global ultrapure water market size is projected to reach USD 12.1 billion by 2027 from USD 8.0 billion in 2022, at a CAGR of 8.6% during the forecast period. Ultrapure water is used in a wide variety of applications, including semiconductor manufacturing, pharmaceutical production, and laboratory research. In order to avoid corrosion and other problems, ultrapure water is also used in power generation and other industrial processes. Ultrapure water is used in the semiconductor industry as a cleaning agent, in the power industry to make steam to drive steam turbines, and the pharmaceutical industry uses it as an ingredient in products as well as a cleaning agent. The growth of the semiconductor industry is expected to fuel the growth of the market for ultrapure water in the coming years.

Washing fluid segment is estimated to be the second-fastest growing in terms of value amongst other applications in the ultrapure water market, during the forecast period

Ultrapure water is used as a washing fluid in clean room practices to avoid contamination of products. Semiconductor wafer fabrication and flat screen display are the two end-use industries where ultrapure water is used as washing fluid. The pharmaceutical industry is another sector where ultrapure water is used as a washing fluid in sterile and non-sterile areas.

Pharmaceutical is projected to grow into the second-fastest growing end-use industry in the ultrapure water market, in terms of value.

In the pharmaceutical industry, ultrapure water is used for the preparation of drug formulations. This is because even small amounts of impurities in the water can potentially affect the safety and efficacy of drug formulations. Several processes in the manufacture of pharmaceutical also make use of ultrapure water, including the sterilization of items like injectable medications as well as the cleaning of surfaces and equipment to prevent contamination.

Middle East & Africa is projected to be the third-fastest in the ultrapure water market during the forecast period.

The Middle East & Africa is an emerging market for ultrapure water and is expected to witness good growth in the coming years. Rising investments by foreign companies, production activities undertaken in semiconductor and pharmaceutical industries, and rising living standard are driving the demand for ultrapure water in this region. Saudi Arabia is witnessing a rising demand for ultrapure Water due to the growth in the semiconductor and oil & gas industries in the country.

Extensive primary interviews were conducted in the process of determining and verifying the sizes of several segments and subsegments of the ultrapure water market gathered through secondary research.

The breakdown of primary interviews has been given below.

By Company Type: Tier 1 – 40%, Tier 2 – 30%, and Tier 3 – 30%

By Designation: C Level Executives – 20%, Director Level – 10%, Others – 70%

By Region: North America – 20%, Asia Pacific – 30%, Europe – 30%, Middle East & Africa – 10%, South America-10%.

The key players in the ultrapure water market are Veolia (France), Asahi Kasei (Japan), Ecolab (US), DuPont (US), Evoqua Water Technologies (France), Ovivo Inc. (Canada), Organo Corporation (Japan), Hydranautics (US), Danaher Corporation (US), MANN+HUMMEL (Germany), Pentair (US), and Kurita Water Industries (Japan), among others. The ultrapure water market report analyzes the key growth strategies, such as partnerships and acquisitions to strengthen their market positions.

Research Coverage

This report provides detailed segmentation of the ultrapure water market and forecasts its market size until 2027. The market has been segmented based on by equipment, material, and service (filtration, consumables/aftermarket, and others), by application (washing fluid, process feed), by end-use industry (semiconductor, power, pharmaceuticals, others) and by region (North America, Europe, Asia Pacific, Middle East & Africa, and South America). A detailed analysis of key industry players has been conducted to provide insights into their business overviews, products & services, key strategies, partnerships, and acquisitions associated with the market for ultrapure water market.

Key benefits of buying this report

This research report is focused on various levels of analysis — industry analysis (industry trends), market ranking analysis of top players, and company profiles, which together provide an overall view on the competitive landscape; emerging and high-growth segments of the organic coagulant market; high-growth regions; and market drivers, restraints, opportunities, and challenges.

The report provides insights on the following pointers:

Analysis of key drivers (growing demand in electronics and semiconductor industries, increasing adoption of desalination technologies), restraints (limited availability of water resources), opportunities (increasing investment for wafer washing in emerging economies, increasing installation of supercritical and ultra-supercritical coal power plants), and challenges (meeting high-standard requirements for nanotechnology) influencing the growth of the ultrapure water market

Market Penetration: Comprehensive information on ultrapure water offered by top players in the global ultrapure water market.

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and acquisitions in the ultrapure water market.

Market Development: Comprehensive information about lucrative emerging markets — the report analyzes the markets for ultrapure water market across

regions

Market Diversification: Exhaustive information about partnerships, growing geographies, and recent developments in the ultrapure water market

Competitive Assessment: In-depth assessment of market segments, growth strategies, revenue analysis, and products of the leading market players

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 MARKET DEFINITION

1.3 MARKET SCOPE

1.3.1 MARKETS COVERED

FIGURE 1 ULTRAPURE WATER MARKET SEGMENTATION

1.3.2 REGIONS COVERED

1.3.3 YEARS CONSIDERED

1.4 CURRENCY CONSIDERED

1.5 STAKEHOLDERS

1.6 INCLUSIONS & EXCLUSIONS

TABLE 1 ULTRAPURE WATER MARKET: INCLUSIONS & EXCLUSIONS

1.7 SUMMARY OF CHANGES

1.8 LIMITATIONS

2 RESEARCH METHODOLOGY

2.1 IMPACT OF SLOWDOWN/RECESSION

2.2 RESEARCH DATA

FIGURE 2 ULTRAPURE WATER MARKET: RESEARCH DESIGN

2.2.1 SECONDARY DATA

2.2.1.1 Key data from secondary sources

2.2.2 PRIMARY DATA

2.2.2.1 Key data from primary sources

2.2.2.2 Key industry insights

2.2.2.3 Breakdown of primary interviews

2.3 MARKET SIZE ESTIMATION

2.3.1 BOTTOM-UP APPROACH

FIGURE 3 ULTRAPURE WATER MARKET: BOTTOM-UP APPROACH

2.3.2 TOP-DOWN APPROACH

FIGURE 4 ULTRAPURE WATER MARKET: TOP-DOWN APPROACH

2.4 DATA TRIANGULATION

FIGURE 5 ULTRAPURE WATER MARKET: DATA TRIANGULATION

2.5 ASSUMPTIONS

2.6 GROWTH RATE ASSUMPTIONS/GROWTH FORECAST

2.6.1 SUPPLY SIDE

2.6.2 DEMAND SIDE

2.7 RISK ASSESSMENT

3 EXECUTIVE SUMMARY

FIGURE 6 FILTRATION TO WITNESS FASTEST-GROWTH IN EQUIPMENT, MATERIAL, AND SERVICE SEGMENT

FIGURE 7 WASHING FLUID TO LEAD OVERALL MARKET DURING FORECAST PERIOD

FIGURE 8 SEMICONDUCTOR ACCOUNTED FOR LARGEST SHARE OF ULTRAPURE WATER MARKET

FIGURE 9 ASIA PACIFIC TO BE FASTEST-GROWING MARKET DURING FORECAST PERIOD

4 PREMIUM INSIGHTS

4.1 EMERGING ECONOMIES TO WITNESS HIGH GROWTH IN ULTRAPURE WATER MARKET

FIGURE 10 ASIA PACIFIC TO OFFER ATTRACTIVE OPPORTUNITIES IN ULTRAPURE WATER MARKET DURING FORECAST PERIOD

4.2 ULTRAPURE WATER MARKET, BY EQUIPMENT, MATERIAL, AND SERVICE
FIGURE 11 FILTRATION TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

4.3 ULTRAPURE WATER MARKET, BY APPLICATION

FIGURE 12 WASHING FLUID TO LEAD OVERALL MARKET BY 2027

4.4 ULTRAPURE WATER MARKET, BY END-USE INDUSTRY

FIGURE 13 SEMICONDUCTOR TO LEAD OVERALL MARKET DURING FORECAST PERIOD

4.5 ULTRAPURE WATER MARKET, BY COUNTRY

FIGURE 14 INDIA TO REGISTER HIGHEST CAGR IN ULTRAPURE WATER MARKET

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 RECESSION IMPACT

5.3 MARKET DYNAMICS

FIGURE 15 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN ULTRAPURE WATER MARKET

5.3.1 DRIVERS

5.3.1.1 Growing demand in electronics and semiconductor industries

5.3.1.2 Increasing adoption of desalination technologies

5.3.2 RESTRAINTS

5.3.2.1 Limited availability of water resources

5.3.3 OPPORTUNITIES

5.3.3.1 Increasing investment for wafer washing in emerging economies

5.3.3.2 Increasing installation of supercritical and ultra-supercritical coal power plants

5.3.4 CHALLENGES

5.3.4.1 Meeting high-standard requirements for nanotechnology

5.4 VALUE CHAIN ANALYSIS

FIGURE 16 OVERVIEW OF VALUE CHAIN OF ULTRAPURE WATER MARKET

5.4.1 PURIFICATION PROCESS

5.4.2 MANUFACTURERS

5.4.3 DISTRIBUTORS

5.4.4 END-USE INDUSTRIES

TABLE 2 ULTRAPURE WATER: VALUE CHAIN STAKEHOLDERS

5.5 PURIFICATION PROCESS ANALYSIS

FIGURE 17 ULTRAPURE WATER TREATMENT PROCESS

5.5.1 PRE-TREATMENT

5.5.2 PRIMARY STAGE

5.5.3 POLISHING STAGE

5.6 PORTER'S FIVE FORCE ANALYSIS

FIGURE 18 PORTER'S FIVE FORCES ANALYSIS: ULTRAPURE WATER MARKET

5.6.1 BARGAINING POWER OF SUPPLIERS

5.6.2 BARGAINING POWER OF BUYERS

5.6.3 THREAT OF NEW ENTRANTS

5.6.4 THREAT OF SUBSTITUTES

5.6.5 INTENSITY OF RIVALRY

TABLE 3 ULTRAPURE WATER: PORTER'S FIVE FORCES ANALYSIS

5.7 MACROECONOMIC INDICATORS

5.7.1 GLOBAL GDP TRENDS

TABLE 4 TRENDS OF PER CAPITA GDP, 2020–2022 (USD)

TABLE 5 GDP GROWTH ESTIMATE AND PROJECTION OF KEY COUNTRIES, 2023–2027

TABLE 6 CURRENT HEALTH EXPENDITURE (% OF GDP) OF KEY COUNTRIES, 2018–2019

5.8 TARIFFS & REGULATIONS

5.8.1 REGULATIONS

5.8.1.1 ISO 14644-1:2015 Cleanroom Classification

TABLE 7 CLEAN ROOM AND CLEAN AIR DEVICE CLASSIFICATION

5.8.1.2 ISO 3696:1987

5.8.1.3 ASTM D1193-06(2018)

TABLE 8 STANDARD SPECIFICATION FOR REAGENT WATER

5.8.1.4 United States Pharmacopeia (USP)

5.8.1.5 European Pharmacopoeia (EP)

5.9 PATENT ANALYSIS

5.9.1 INTRODUCTION

5.9.2 METHODOLOGY

5.9.3 DOCUMENT TYPE

FIGURE 19 PATENTS REGISTERED (2012 TO 2022)

5.9.4 PUBLICATION TRENDS (2012-2022)

FIGURE 20 NUMBER OF PATENTS REGISTERED IN LAST 10 YEARS

5.9.5 INSIGHTS

5.9.6 JURISDICTION ANALYSIS

FIGURE 21 TOP JURISDICTIONS

5.9.7 TOP COMPANIES/APPLICANTS

FIGURE 22 KURITA WATER INDUSTRIES REGISTERED MAXIMUM NUMBER OF PATENTS

TABLE 9 LIST OF PATENTS BY KURITA WATER INDUSTRIES LTD.

TABLE 10 LIST OF PATENTS BY ORGANO CORPORATION

TABLE 11 LIST OF PATENTS BY VWS UK LTD.

TABLE 12 TOP 10 PATENT OWNERS (US) IN LAST 10 YEARS

5.10 TRADE ANALYSIS

5.10.1 IMPORT TRADE ANALYSIS

TABLE 13 REGION-WISE IMPORT TRADE (USD THOUSAND)

FIGURE 23 REGION-WISE IMPORT TRADE (USD THOUSAND)

5.10.2 EXPORT TRADE ANALYSIS

TABLE 14 REGION-WISE EXPORT TRADE (USD THOUSAND)

FIGURE 24 REGION-WISE EXPORT TRADE (USD THOUSAND)

5.11 ECOSYSTEM MAPPING

FIGURE 25 ULTRAPURE WATER MARKET ECOSYSTEM

5.12 TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES

FIGURE 26 TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES

5.13 KEY CONFERENCES & EVENTS (2023–2024)

TABLE 15 ULTRAPURE WATER MARKET: DETAILED LIST OF CONFERENCES & EVENTS

5.14 KEY FACTORS AFFECTING BUYING DECISION

5.14.1 QUALITY

5.14.2 SERVICE

FIGURE 27 SUPPLIER SELECTION CRITERION

5.15 CASE STUDY

5.15.1 PRODUCTION OF ULTRAPURE WATER USING ELECTRODEIONIZATION (EDI) TECHNOLOGY BY GE WATER & PROCESS TECHNOLOGIES

5.15.2 PRODUCTION OF ULTRAPURE WATER BY SUEZ WATER TECHNOLOGIES & SOLUTIONS

6 ULTRAPURE WATER MARKET, BY EQUIPMENT, MATERIALS, AND SERVICES

6.1 INTRODUCTION

FIGURE 28 FILTRATION SEGMENT TO REGISTER HIGHEST CAGR BETWEEN 2022 AND 2027

TABLE 16 ULTRAPURE WATER MARKET SIZE, BY EQUIPMENT, MATERIAL, AND SERVICE, 2018–2021 (USD MILLION)

TABLE 17 ULTRAPURE WATER MARKET SIZE, BY EQUIPMENT, MATERIAL, AND SERVICE, 2022–2027 (USD MILLION)

6.2 FILTRATION

6.3 CONSUMABLES/AFTERMARKET

6.4 OTHERS

7 ULTRAPURE WATER MARKET, BY APPLICATION

7.1 INTRODUCTION

FIGURE 29 WASHING FLUID TO BE LARGER SEGMENT DURING FORECAST PERIOD

7.2 WASHING FLUID

7.2.1 SEMICONDUCTOR

7.2.2 PHARMACEUTICAL

7.3 PROCESS FEED

7.3.1 SEMICONDUCTOR WAFER FABRICATION

7.3.2 FLAT SCREEN DISPLAY

8 ULTRAPURE WATER MARKET, BY TECHNOLOGY

8.1 INTRODUCTION

8.2 REVERSE OSMOSIS (RO)

8.3 ULTRAFILTRATION (UF)

- 8.4 NANOFILTRATION
- 8.5 ION EXCHANGE RESIN
- 8.6 TANK VENT FILTRATION
- 8.7 RESIN TRAP FILTRATION
- 8.8 DEGASIFICATION
- 8.9 ELECTRODEIONIZATION (EDI)
- 8.10 OTHERS

9 ULTRAPURE WATER MARKET, BY END-USE INDUSTRY

9.1 INTRODUCTION

FIGURE 30 SEMICONDUCTOR INDUSTRY TO BE LARGEST END USER OF ULTRAPURE WATER

TABLE 18 ULTRAPURE WATER MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 19 ULTRAPURE WATER MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

9.2 SEMICONDUCTOR

- 9.2.1 WAFERS
- 9.2.2 FLAT PANEL DISPLAYS
- 9.2.3 ELECTRONIC COMPONENTS

9.3 POWER

- 9.3.1 GAS TURBINE POWER
- 9.3.2 COAL-FIRED POWER

9.4 PHARMACEUTICAL

- 9.4.1 REAGENTS
- 9.4.2 CELL CULTURE
- 9.4.3 CLINICAL ANALYZERS

9.5 OTHERS

10 ULTRAPURE WATER MARKET, BY REGION

10.1 INTRODUCTION

FIGURE 31 INDIA TO BE FASTEST-GROWING ULTRAPURE WATER MARKET BETWEEN 2022 AND 2027

TABLE 20 ULTRAPURE WATER MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 21 ULTRAPURE WATER MARKET, BY REGION, 2022–2027 (USD MILLION)

10.2 ASIA PACIFIC

FIGURE 32 ASIA PACIFIC: ULTRAPURE WATER MARKET SNAPSHOT

TABLE 22 ASIA PACIFIC: ULTRAPURE WATER MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 23 ASIA PACIFIC: ULTRAPURE WATER MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 24 ASIA PACIFIC: ULTRAPURE WATER MARKET, BY EQUIPMENT, MATERIAL, AND SERVICE, 2018–2021 (USD MILLION)

TABLE 25 ASIA PACIFIC: ULTRAPURE WATER MARKET, BY EQUIPMENT, MATERIAL, AND SERVICE, 2022–2027 (USD MILLION)

TABLE 26 ASIA PACIFIC: ULTRAPURE WATER MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 27 ASIA PACIFIC: ULTRAPURE WATER MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 28 ASIA PACIFIC: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 29 ASIA PACIFIC: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

10.2.1 CHINA

10.2.1.1 Growing industrial activities fueling demand for ultrapure water

TABLE 30 CHINA: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 31 CHINA: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

10.2.2 JAPAN

10.2.2.1 Presence of major electronics companies and investments in semiconductor technologies to drive market

TABLE 32 JAPAN: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 33 JAPAN: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

10.2.3 INDIA

10.2.3.1 Government initiatives to boost local manufacturing of semiconductor to drive demand for ultrapure water

TABLE 34 INDIA: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 35 INDIA: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

10.2.4 SOUTH KOREA

10.2.4.1 Leads semiconductor production in Asia Pacific

TABLE 36 SOUTH KOREA: ULTRAPURE WATER MARKET, BY END-USE

INDUSTRY, 2018–2021 (USD MILLION)

TABLE 37 SOUTH KOREA: ULTRAPURE WATER MARKET, BY END-USE

INDUSTRY, 2022–2027 (USD MILLION)

10.2.5 REST OF ASIA PACIFIC

TABLE 38 REST OF ASIA PACIFIC: ULTRAPURE WATER MARKET, BY END-USE

INDUSTRY, 2018–2021 (USD MILLION)

TABLE 39 REST OF ASIA PACIFIC: ULTRAPURE WATER MARKET, BY END-USE

INDUSTRY, 2022–2027 (USD MILLION)

10.3 NORTH AMERICA

FIGURE 33 NORTH AMERICA: ULTRAPURE WATER MARKET SNAPSHOT

TABLE 40 NORTH AMERICA: ULTRAPURE WATER MARKET, BY COUNTRY,
2018–2021 (USD MILLION)

TABLE 41 NORTH AMERICA: ULTRAPURE WATER MARKET, BY COUNTRY,
2022–2027 (USD MILLION)

TABLE 42 NORTH AMERICA: ULTRAPURE WATER MARKET, BY EQUIPMENT,
MATERIAL, AND SERVICE, 2018–2021 (USD MILLION)

TABLE 43 NORTH AMERICA: ULTRAPURE WATER MARKET, BY EQUIPMENT,
MATERIAL, AND SERVICE, 2022–2027 (USD MILLION)

TABLE 44 NORTH AMERICA: ULTRAPURE WATER MARKET, BY APPLICATION,
2018–2021 (USD MILLION)

TABLE 45 NORTH AMERICA: ULTRAPURE WATER MARKET, BY APPLICATION,
2022–2027 (USD MILLION)

TABLE 46 NORTH AMERICA: ULTRAPURE WATER MARKET, BY END-USE
INDUSTRY, 2018–2021 (USD MILLION)

TABLE 47 NORTH AMERICA: ULTRAPURE WATER MARKET, BY END-USE
INDUSTRY, 2022–2027 (USD MILLION)

10.3.1 US

10.3.1.1 US to be dominant manufacturer and consumer of ultrapure water

TABLE 48 US: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY, 2018–2021
(USD MILLION)

TABLE 49 US: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY, 2022–2027
(USD MILLION)

10.3.2 CANADA

10.3.2.1 Rapidly growing semiconductor and pharmaceutical industries to drive
demand

TABLE 50 CANADA: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY,
2018–2021 (USD MILLION)

TABLE 51 CANADA: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY,
2022–2027 (USD MILLION)

10.3.3 MEXICO

10.3.3.1 Significant growth opportunities for market players in Mexico

TABLE 52 MEXICO: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 53 MEXICO: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

10.4 EUROPE

FIGURE 34 EUROPE: ULTRAPURE WATER MARKET SNAPSHOT

TABLE 54 EUROPE: ULTRAPURE WATER MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 55 EUROPE: ULTRAPURE WATER MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 56 EUROPE: ULTRAPURE WATER MARKET, BY EQUIPMENT, MATERIAL, AND SERVICE, 2018–2021 (USD MILLION)

TABLE 57 EUROPE: ULTRAPURE WATER MARKET, BY EQUIPMENT, MATERIAL, AND SERVICE, 2022–2027 (USD MILLION)

TABLE 58 EUROPE: ULTRAPURE WATER MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 59 EUROPE: ULTRAPURE WATER MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 60 EUROPE: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 61 EUROPE: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

10.4.1 GERMANY

10.4.1.1 Semiconductor industry to be major consumer of ultrapure water

TABLE 62 GERMANY: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 63 GERMANY: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

10.4.2 UK

10.4.2.1 Strong electronics industry to fuel demand for ultrapure water

TABLE 64 UK: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 65 UK: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

10.4.3 FRANCE

10.4.3.1 High potential for ultrapure water market growth in electronics sector

TABLE 66 FRANCE: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY,

2018–2021 (USD MILLION)

TABLE 67 FRANCE: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY,
2022–2027 (USD MILLION)

10.4.4 ITALY

10.4.4.1 Semiconductor segment to be dominant end user of ultrapure water

TABLE 68 ITALY: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY,
2018–2021 (USD MILLION)

TABLE 69 ITALY: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY,
2022–2027 (USD MILLION)

10.4.5 SPAIN

10.4.5.1 Growth of semiconductor industry to boost ultrapure water market

TABLE 70 SPAIN: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY,
2018–2021 (USD MILLION)

TABLE 71 SPAIN: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY,
2022–2027 (USD MILLION)

10.4.6 REST OF EUROPE

TABLE 72 REST OF EUROPE: ULTRAPURE WATER MARKET, BY END-USE
INDUSTRY, 2018–2021 (USD MILLION)

TABLE 73 REST OF EUROPE: ULTRAPURE WATER MARKET, BY END-USE
INDUSTRY, 2022–2027 (USD MILLION)

10.5 SOUTH AMERICA

TABLE 74 SOUTH AMERICA: ULTRAPURE WATER MARKET, BY COUNTRY,
2018–2021 (USD MILLION)

TABLE 75 SOUTH AMERICA: ULTRAPURE WATER MARKET, BY COUNTRY,
2022–2027 (USD MILLION)

TABLE 76 SOUTH AMERICA: ULTRAPURE WATER MARKET, BY EQUIPMENT,
MATERIAL, AND SERVICE, 2018–2021 (USD MILLION)

TABLE 77 SOUTH AMERICA: ULTRAPURE WATER MARKET, BY EQUIPMENT,
MATERIAL, AND SERVICE, 2022–2027 (USD MILLION)

TABLE 78 SOUTH AMERICA: ULTRAPURE WATER MARKET, BY APPLICATION,
2018–2021 (USD MILLION)

TABLE 79 SOUTH AMERICA: ULTRAPURE WATER MARKET, BY APPLICATION,
2022–2027 (USD MILLION)

TABLE 80 SOUTH AMERICA: ULTRAPURE WATER MARKET, BY END-USE
INDUSTRY, 2018–2021 (USD MILLION)

TABLE 81 SOUTH AMERICA: ULTRAPURE WATER MARKET, BY END-USE
INDUSTRY, 2022–2027 (USD MILLION)

10.5.1 BRAZIL

10.5.1.1 Expanding economy stimulated by increasing investments and improved

government policies to drive demand

TABLE 82 BRAZIL: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY,
2018–2021 (USD MILLION)

TABLE 83 BRAZIL: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY,
2022–2027 (USD MILLION)

10.5.2 ARGENTINA

10.5.2.1 Lucrative consumer electronics market to drive demand for ultrapure water

TABLE 84 ARGENTINA: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY,
2018–2021 (USD MILLION)

TABLE 85 ARGENTINA: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY,
2022–2027 (USD MILLION)

10.5.3 REST OF SOUTH AMERICA

TABLE 86 REST OF SOUTH AMERICA: ULTRAPURE WATER MARKET, BY END-
USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 87 REST OF SOUTH AMERICA: ULTRAPURE WATER MARKET, BY END-
USE INDUSTRY, 2022–2027 (USD MILLION)

10.6 MIDDLE EAST & AFRICA

TABLE 88 MIDDLE EAST & AFRICA: ULTRAPURE WATER MARKET, BY COUNTRY,
2018–2021 (USD MILLION)

TABLE 89 MIDDLE EAST & AFRICA: ULTRAPURE WATER MARKET, BY COUNTRY,
2022–2027 (USD MILLION)

TABLE 90 MIDDLE EAST & AFRICA: ULTRAPURE WATER MARKET, BY
EQUIPMENT, MATERIAL, AND SERVICE, 2018–2021 (USD MILLION)

TABLE 91 MIDDLE EAST & AFRICA: ULTRAPURE WATER MARKET, BY
EQUIPMENT, MATERIAL, AND SERVICE, 2022–2027 (USD MILLION)

TABLE 92 MIDDLE EAST & AFRICA: ULTRAPURE WATER MARKET, BY
APPLICATION, 2018–2021 (USD MILLION)

TABLE 93 MIDDLE EAST & AFRICA: ULTRAPURE WATER MARKET, BY
APPLICATION, 2022–2027 (USD MILLION)

TABLE 94 MIDDLE EAST & AFRICA: ULTRAPURE WATER MARKET, BY END-USE
INDUSTRY, 2018–2021 (USD MILLION)

TABLE 95 MIDDLE EAST & AFRICA: ULTRAPURE WATER MARKET, BY END-USE
INDUSTRY, 2022–2027 (USD MILLION)

10.6.1 SAUDI ARABIA

10.6.1.1 Power generation sector to support market growth

TABLE 96 SAUDI ARABIA: ULTRAPURE WATER MARKET, BY END-USE
INDUSTRY, 2018–2021 (USD MILLION)

TABLE 97 SAUDI ARABIA: ULTRAPURE WATER MARKET, BY END-USE
INDUSTRY, 2022–2027 (USD MILLION)

10.6.2 SOUTH AFRICA

10.6.2.1 Growing disposable income and consumer awareness driving demand for ultrapure water

TABLE 98 SOUTH AFRICA: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 99 SOUTH AFRICA: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

10.6.3 REST OF MIDDLE EAST & AFRICA

TABLE 100 REST OF MIDDLE EAST & AFRICA: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 101 REST OF MIDDLE EAST & AFRICA: ULTRAPURE WATER MARKET, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

11 COMPETITIVE LANDSCAPE

11.1 OVERVIEW

11.2 STRATEGIES ADOPTED BY KEY PLAYERS

FIGURE 35 COMPANIES ADOPTED ACQUISITION AS KEY GROWTH STRATEGIES BETWEEN 2018 AND 2022

11.3 MARKET EVALUATION FRAMEWORK

TABLE 102 MARKET EVALUATION FRAMEWORK

11.4 REVENUE ANALYSIS

TABLE 103 REVENUE ANALYSIS OF KEY COMPANIES (2019–2021)

11.5 RANKING OF KEY PLAYERS

FIGURE 36 RANKING OF TOP 5 PLAYERS IN ULTRAPURE WATER MARKET

11.6 MARKET SHARE ANALYSIS

FIGURE 37 ULTRAPURE WATER MARKET SHARE, BY COMPANY (2022)

TABLE 104 ULTRAPURE WATER MARKET: DEGREE OF COMPETITION

11.7 COMPANY EVALUATION MATRIX (TIER 1)

11.7.1 STARS

11.7.2 PERVASIVE PLAYERS

11.7.3 EMERGING LEADERS

11.7.4 PARTICIPANTS

FIGURE 38 ULTRAPURE WATER MARKET: COMPANY EVALUATION MATRIX FOR TIER 1 COMPANIES, 2022

11.8 STRENGTH OF PRODUCT PORTFOLIO FOR TIER 1 COMPANIES, 2022

11.9 BUSINESS STRATEGY EXCELLENCE FOR TIER 1 COMPANIES, 2022

11.10 COMPANY EVALUATION MATRIX (START-UPS AND SMES)

11.10.1 PROGRESSIVE COMPANIES

11.10.2 RESPONSIVE COMPANIES

11.10.3 STARTING BLOCKS

11.10.4 DYNAMIC COMPANIES

FIGURE 39 ULTRAPURE WATER MARKET: COMPANY EVALUATION MATRIX FOR
START-UPS AND SMES, 2022

11.11 STRENGTH OF PRODUCT PORTFOLIO (START-UPS AND SMES)

11.12 BUSINESS STRATEGY EXCELLENCE (START-UPS AND SMES)

11.13 COMPETITIVE BENCHMARKING

TABLE 105 ULTRAPURE WATER MARKET: DETAILED LIST OF COMPANIES

11.13.1 COMPANY TECHNOLOGY FOOTPRINT

TABLE 106 OVERALL TECHNOLOGY FOOTPRINT

11.13.2 COMPANY EQUIPMENT, MATERIAL, AND SERVICE FOOTPRINT

TABLE 107 OVERALL EQUIPMENT, MATERIAL, AND SERVICE FOOTPRINT

11.13.3 COMPANY END-USE INDUSTRY FOOTPRINT

TABLE 108 OVERALL END-USE INDUSTRY FOOTPRINT

11.13.4 COMPANY REGION FOOTPRINT

TABLE 109 OVERALL REGION FOOTPRINT

11.13.5 COMPANY FOOTPRINT

TABLE 110 OVERALL COMPANY FOOTPRINT

11.14 COMPETITIVE SITUATION AND TRENDS

11.14.1 DEALS

TABLE 111 ULTRAPURE WATER: DEALS, 2018–2022

11.14.2 OTHERS

TABLE 112 ULTRAPURE WATER: OTHERS, 2018–2022

12 COMPANY PROFILES

(Business Overview, Products Offered, Recent Developments, MnM view, Key strengths, Strategic choices made, Weakness and competitive threats) *

12.1 KEY PLAYERS

12.1.1 VEOLIA

TABLE 113 VEOLIA: COMPANY OVERVIEW

FIGURE 40 VEOLIA: COMPANY SNAPSHOT

TABLE 114 VEOLIA: PRODUCT OFFERINGS

TABLE 115 VEOLIA: DEALS

TABLE 116 VEOLIA: OTHER DEVELOPMENTS

12.1.2 ASAHI KASEI

TABLE 117 ASAHI KASEI: COMPANY OVERVIEW

FIGURE 41 ASAHI KASEI: COMPANY SNAPSHOT

TABLE 118 ASAHI KASEI: PRODUCT OFFERINGS

TABLE 119 ASAHI KASEI: DEALS

TABLE 120 ASAHI KASEI: OTHER DEVELOPMENTS

12.1.3 ECOLAB

TABLE 121 ECOLAB: COMPANY OVERVIEW

FIGURE 42 ECOLAB: COMPANY SNAPSHOT

TABLE 122 ECOLAB: PRODUCT OFFERINGS

TABLE 123 ECOLAB: DEALS

12.1.4 DUPONT

TABLE 124 DUPONT: COMPANY OVERVIEW

FIGURE 43 DUPONT: COMPANY SNAPSHOT

TABLE 125 DUPONT: PRODUCT OFFERINGS

TABLE 126 DUPONT: DEALS

12.1.5 EVOQUA WATER TECHNOLOGIES

TABLE 127 EVOQUA WATER TECHNOLOGIES: COMPANY OVERVIEW

FIGURE 44 EVOQUA WATER TECHNOLOGIES: COMPANY SNAPSHOT

TABLE 128 EVOQUA WATER TECHNOLOGIES: PRODUCT OFFERINGS

TABLE 129 EVOQUA WATER TECHNOLOGIES: DEALS

12.1.6 OVIVO

TABLE 130 OVIVO: COMPANY OVERVIEW

TABLE 131 OVIVO: PRODUCT OFFERINGS

TABLE 132 OVIVO: DEALS

TABLE 133 OVIVO: OTHER DEVELOPMENTS

12.1.7 ORGANO CORPORATION

TABLE 134 ORGANO CORPORATION: COMPANY OVERVIEW

FIGURE 45 ORGANO CORPORATION: COMPANY SNAPSHOT

TABLE 135 ORGANO CORPORATION: PRODUCT OFFERINGS

12.1.8 HYDRANAUTICS

TABLE 136 HYDRANAUTICS: COMPANY OVERVIEW

TABLE 137 HYDRANAUTICS: PRODUCT OFFERINGS

12.1.9 DANAHER CORPORATION

TABLE 138 DANAHER CORPORATION: COMPANY OVERVIEW

FIGURE 46 DANAHER CORPORATION: COMPANY SNAPSHOT

TABLE 139 DANAHER: PRODUCT OFFERINGS

TABLE 140 DANAHER CORPORATION: DEALS

12.1.10 MANN+HUMMEL

TABLE 141 MANN+HUMMEL: COMPANY OVERVIEW

FIGURE 47 MANN+HUMMEL: COMPANY SNAPSHOT

TABLE 142 MANN+HUMMEL: PRODUCT OFFERINGS

TABLE 143 MANN+HUMMEL: DEALS

12.1.11 PENTAIR

TABLE 144 PENTAIR: COMPANY OVERVIEW

FIGURE 48 PENTAIR: COMPANY SNAPSHOT

TABLE 145 PENTAIR: PRODUCT OFFERINGS

TABLE 146 PENTAIR: DEALS

12.1.12 KURITA WATER INDUSTRIES

TABLE 147 KURITA WATER INDUSTRIES: COMPANY OVERVIEW

FIGURE 49 KURITA WATER INDUSTRIES: COMPANY SNAPSHOT

TABLE 148 KURITA WATER INDUSTRIES: PRODUCT OFFERINGS

TABLE 149 KURITA WATER INDUSTRIES: DEALS

*Details on Business Overview, Products Offered, Recent Developments, MnM view, Key strengths, Strategic choices made, Weakness and competitive threats might not be captured in case of unlisted companies.

12.2 OTHER PLAYERS

12.2.1 NGK INSULATORS

TABLE 150 NGK INSULATORS: COMPANY OVERVIEW

12.2.2 AQUA-CHEM, INC.

TABLE 151 AQUA-CHEM, INC.: COMPANY OVERVIEW

12.2.3 CULLIGAN

TABLE 152 CULLIGAN: COMPANY OVERVIEW

12.2.4 MEMSTAR USA

TABLE 153 MEMSTAR USA: COMPANY OVERVIEW

12.2.5 OSMOFLO

TABLE 154 OSMOFLO: COMPANY OVERVIEW

12.2.6 SYNDER FILTRATION INC.

TABLE 155 SYNDER FILTRATION INC.: COMPANY OVERVIEW

12.2.7 NX FILTRATION BV

TABLE 156 NX FILTRATION BV: COMPANY OVERVIEW

12.2.8 ARIES CHEMICAL, INC.

TABLE 157 ARIES CHEMICAL, INC.: COMPANY OVERVIEW

12.2.9 AQUATECH INTERNATIONAL LLC

TABLE 158 AQUATECH INTERNATIONAL LLC: COMPANY OVERVIEW

12.2.10 ION EXCHANGE INDIA LTD.

TABLE 159 ION EXCHANGE INDIA LTD.: COMPANY OVERVIEW

12.2.11 MEMBRANE GROUP

TABLE 160 MEMBRANE GROUP: COMPANY OVERVIEW

12.2.12 WIGEN WATER TECHNOLOGIES

TABLE 161 WIGEN WATER TECHNOLOGIES: COMPANY OVERVIEW

12.2.13 WATERPROFESSIONALS
TABLE 162 WATERPROFESSIONALS: COMPANY OVERVIEW

13 APPENDIX

13.1 DISCUSSION GUIDE
13.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL
13.3 CUSTOMIZATION OPTIONS
13.4 RELATED REPORTS
13.5 AUTHOR DETAILS

I would like to order

Product name: Ultrapure Water Market by Equipment, Material, and Service (Filtration, Consumables/Aftermarket), Application (Washing Fluid, Process Feed), End-Use Industry (Semiconductor, Power, Pharmaceutical), and Region - Global Forecast to 2027

Product link: <https://marketpublishers.com/r/UDAFCD6EC1AEN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/UDAFCD6EC1AEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970