

Microplastic Analysis Market by Analyte [Polyethylene, Polystyrene, Polypropylene], Product [Microscopy (Optical, Electron), Spectroscopy (FTIR, Raman, GC-MS, LC-MS), Software, Consumables], Application [Water, Soil, Air], End User - Global Forecast to 2030

Market Report | 2025-11-18 | 280 pages | MarketsandMarkets

AVAILABLE LICENSES:

- Single User \$4950.00
- Multi User \$6650.00
- Corporate License \$8150.00
- Enterprise Site License \$10000.00

Report description:

The global microplastic analysis market is projected to reach USD 383.1 million by 2030 from USD 266.9 million in 2025, at a CAGR of 7.5% from 2025 to 2030. Factors such as increasing funding and grants supporting research and development, rising proteomics research, and the growing prevalence of life-threatening diseases are contributing to the market's growth.

<https://mnming.marketsandmarkets.com/Images/microplastic-analysis-market-img-overview.webp>

"The instruments segment held the largest share of the market in 2025."

Based on product type, the microplastic analysis market is classified by product type into instrument (microscopy instruments (optical microscopy, electronic microscopy, electronic microscopy), spectroscopy instruments (FTIR spectroscopy, raman spectroscopy, gas chromatography-mass spectrometry (GC-MS), gas chromatography-mass spectrometry (GC-MS)), software & services (integrated software, AI based software), and reagents and consumables. The demand for reagents and consumables in microplastic analysis is being fueled by tightening regulatory frameworks that mandate routine environmental and product-based monitoring, resulting in consistent consumption of filters, stains, solvents, and certified standards. Growing public and industry concern over the health and ecological impacts of microplastics is also prompting sectors such as food & beverages, cosmetics, pharmaceuticals, and water treatment to scale up testing frequency. Technological advancements in analytical workflows, ranging from fluorescent staining and FTIR/Raman spectroscopy to pyrolysis-GC/MS, are boosting the use of specialized consumables designed to enhance detection sensitivity and accuracy. Furthermore, the increasing emphasis on method standardization and

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

global quality compliance is driving strong demand for high-purity reference materials and validated reagent kits. Rising investments in research programs, microplastic surveillance studies, and the development of automated, high-throughput testing platforms are further accelerating market growth for consumable products.

"The water testing applications segment is projected to register the highest CAGR during the forecast period."

Based on application, the market for microplastic analysis is divided into water testing, soil testing, air testing, and other applications. The water testing segment has a significant share in the application segment.

The water testing segment is witnessing rapid expansion as authorities worldwide tighten mandates for detecting microplastics in drinking water, wastewater, tap water, bottled water, and natural water bodies. Growing public awareness around the potential health risks and ecological damage associated with microplastic pollution is driving utilities, municipal bodies, and private water companies to increase testing frequency and adopt advanced analytical methods. In addition, the emergence of portable and real-time monitoring systems, along with faster sample preparation and processing technologies, is boosting adoption in field-based and laboratory workflows. Stricter water quality regulations and surveillance initiatives in regions such as Europe, North America, and the Asia Pacific are further strengthening market momentum. The growing integration of automated systems, AI-enabled analysis software, and microplastic filtration kits, coupled with rising investments in environmental research and water treatment infrastructure, is positioning water testing as one of the most significant growth engines for the microplastic analysis market.

"The North American market is expected to witness the highest growth during the forecast period."

The microplastic analysis market, based on region, is divided into five major areas: North America, Europe, Asia Pacific, Latin America, and the Middle East & Africa. Among these, North America is anticipated to record the highest CAGR of 8.5% from 2025 to 2030. This growth is primarily driven by increasing environmental and health awareness about microplastic contamination in water, soil, and food systems, as well as the implementation of stringent regulatory measures. Additionally, ongoing advancements in analytical technologies-such as FT-IR, Raman spectroscopy, and automated detection systems-combined with continuous standardization efforts, are enhancing the scalability, accuracy, and cost-effectiveness of microplastic analysis across the region.

A breakdown of the primary participants referred to for this report is provided below:

-□By Company Type: Tier 1-48%, Tier 2-36%, and Tier 3- 16%

-□By Designation: C-level-10%, Director-level-14%, and Others-76%

-□By Region: North America-40%, Europe-32%, Asia Pacific-20%, Latin America-5%, and the Middle East & Africa-3%

The prominent players in the microplastic analysis market are

Thermo Fisher Scientific Inc. (US), Danaher Corporation (US), Agilent Technologies, Inc. (US), Waters Corporation (US), Shimadzu Corporation (Japan), Becton, Dickinson and Company (US), PerkinElmer Inc. (US), Bio-Rad Laboratories, Inc. (US), Bruker (US), and Hitachi High-Technologies Corporation (Japan), among others.

Research Coverage

This report studies the microplastic analysis market based on product type, analyte type, application, end user, and region. It also covers the factors affecting market growth, analyzes the various opportunities and challenges in the market, and provides details of the competitive landscape for market leaders. Furthermore, the report analyzes micromarkets in terms of their growth trends. It

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

forecasts the revenue of the market segments with respect to five central regions (and the respective countries in these regions).

Reasons to Buy the Report

The report will assist market leaders/new entrants with information on the closest approximations of revenue numbers for the overall microplastic analysis market and its subsegments. This report will help stakeholders understand the competitive landscape and gain valuable insights to position their businesses better and plan suitable go-to-market strategies. The report also helps stakeholders understand the market pulse and provides information on key market drivers, restraints, challenges, and opportunities.

This report provides insights into the following pointers:

- Analysis of key drivers (Growing public concern over the potential health risks of microplastic exposure in the human body, Rising investments from government bodies and private organizations), restraints (Elevated costs of instruments used for microplastic analysis), opportunities (Expanding growth prospects in developing and emerging markets, Advancement of affordable and portable microplastic detection technologies), and challenges (Limited availability of trained technicians in microplastic detection, Lack of standardized protocols for microplastic detection) influencing the growth of the microplastic analysis market
- Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the microplastic analysis market
- Market Development: Comprehensive information about lucrative markets-the report analyses the microplastic analysis market across varied regions
- Market Diversification: Exhaustive information about new products & services, untapped geographies, recent developments, and investments in the microplastic analysis market
- Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players like
- Thermo Fisher Scientific Inc. (US), Danaher Corporation (US), Agilent Technologies, Inc. (US), Waters Corporation (US), Shimadzu Corporation (Japan), and others.

Table of Contents:

1□INTRODUCTION□	27
1.1□STUDY OBJECTIVES□	27
1.2□MARKET DEFINITION□	27
1.3□STUDY SCOPE□	28
1.3.1□MARKETS SEGMENTTTION & REGIONAL SCOPE□	28
1.3.2□INCLUSIONS & EXCLUSIONS□	29
1.3.3□YEARS CONSIDERED□	30
1.3.4□CURRENCY CONSIDERED□	30
1.4□STAKEHOLDERS□	30
2□RESEARCH METHODOLOGY□	31
2.1□RESEARCH APPROACH□	31
2.1.1□SECONDARY RESEARCH□	32
2.1.1.1□Key sources of secondary data□	32
2.1.1.2□Key objectives of secondary research□	32
2.1.2□PRIMARY RESEARCH□	33
2.1.2.1□Key primary sources□	33
2.1.2.2□Key objectives of primary research□	33

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

2.1.2.3	Key industry insights	34
2.1.2.4	Breakdown of primaries	34
2.2	MARKET SIZE ESTIMATION	35
2.2.1	BOTTOM-UP APPROACH	36
2.2.1.1	Company revenue estimation approach	37
2.2.1.2	Customer-based market estimation	37
2.2.1.3	Growth forecast	38
2.2.1.4	CAGR projections	39
2.3	DATA TRIANGULATION	40
2.4	MARKET SHARE ESTIMATION	41
2.5	ASSUMPTIONS	41
2.5.1	STUDY ASSUMPTIONS	41
2.5.2	GROWTH RATE ASSUMPTIONS	41
2.6	RISK ASSESSMENT	42
2.7	RESEARCH LIMITATIONS	42
3	EXECUTIVE SUMMARY	43
?		
4	PREMIUM INSIGHTS	47
4.1	MICROPLASTICS ANALYSIS MARKET OVERVIEW	47
4.2	EUROPEAN MICROPLASTICS ANALYSIS MARKET: GEOGRAPHIC GROWTH OPPORTUNITIES	48
4.3	MICROPLASTICS ANALYSIS MARKET: GEOGRAPHIC GROWTH OPPORTUNITIES	49
5	MARKET OVERVIEW	50
5.1	INTRODUCTION	50
5.2	MARKET DYNAMICS	50
5.2.1	DRIVERS	51
5.2.1.1	Growing public concern over potential health risks of microplastic exposure in human body	51
5.2.1.2	Technological advancements in spectroscopy and microscopy systems	51
5.2.1.3	Rising investments from government bodies and private organizations	52
5.2.2	RESTRAINTS	52
5.2.2.1	Elevated costs of instruments used for microplastic analysis	52
5.2.2.2	Highly stringent regulatory and compliance requirements	52
5.2.3	OPPORTUNITIES	53
5.2.3.1	Expanding growth prospects in emerging economies	53
5.2.3.2	Integration of AI and ML technologies for microplastic analysis	53
5.2.3.3	Advancement of affordable and portable microplastic detection technologies	54
5.2.4	CHALLENGES	54
5.2.4.1	Limited availability of trained technicians in microplastic detection	54
5.2.4.2	Lack of standardized protocols for microplastic detection	55
5.3	INTERCONNECTED MARKETS & CROSS-SECTOR OPPORTUNITIES	55
5.4	STRATEGIC MOVES BY TIER-1/2/3 PLAYERS	56
6	MARKET OVERVIEW	57
6.1	PORTER'S FIVE FORCES ANALYSIS	57
6.1.1	THREAT OF NEW ENTRANTS	58
6.1.2	THREAT OF SUBSTITUTES	58
6.1.3	BARGAINING POWER OF SUPPLIERS	59
6.1.4	BARGAINING POWER OF BUYERS	59
6.1.5	INTENSITY OF COMPETITIVE RIVALRY	59

6.2	MACROECONOMIC INDICATORS	59
6.2.1	INTRODUCTION	59
6.2.2	GDP TRENDS AND FORECAST	60
6.2.3	TRENDS IN GLOBAL ENVIRONMENTAL INDUSTRY	60
6.2.4	TRENDS IN GLOBAL HEALTHCARE INDUSTRY	60
	?	
6.3	VALUE CHAIN ANALYSIS	61
6.3.1	RESEARCH & DEVELOPMENT	62
6.3.2	RAW MATERIAL PROCUREMENT AND MANUFACTURING	62
6.3.3	DISTRIBUTION AND MARKETING & SALES	62
6.3.4	POST-SALES SERVICES	62
6.4	SUPPLY CHAIN ANALYSIS	62
6.4.1	RAW MATERIAL PROCUREMENT	63
6.4.2	MANUFACTURING	63
6.4.3	SALES & DISTRIBUTION	63
6.4.4	END USERS	64
6.5	ECOSYSTEM ANALYSIS	64
6.5.1	ROLE IN ECOSYSTEM	65
6.6	PRICING ANALYSIS	65
6.6.1	AVERAGE SELLING PRICE OF MICROSCOPY INSTRUMENTS, BY TYPE, 2024	65
6.6.2	AVERAGE SELLING PRICE TREND OF MICROSCOPY INSTRUMENTS, BY KEY PLAYER, 2024	66
6.6.3	AVERAGE SELLING PRICE OF MICROSCOPY INSTRUMENTS, BY REGION, 2023-2025	66
6.6.4	AVERAGE SELLING PRICE TREND OF SPECTROSCOPY INSTRUMENTS, BY TYPE, 2022-2024	68
6.6.5	AVERAGE SELLING PRICE TREND OF SPECTROSCOPY INSTRUMENTS, BY REGION, 2022-2024	69
6.7	TRADE ANALYSIS	69
6.7.1	IMPORT SCENARIO FOR HS CODE 902730, 2020-2024	69
6.7.2	EXPORT SCENARIO FOR HS CODE 902730, 2020-2024	71
6.8	KEY CONFERENCES & EVENTS IN 2024-2025	72
6.9	TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES	73
6.10	INVESTMENT & FUNDING SCENARIO	74
6.11	IMPACT OF 2025 US TARIFF ON MICROPLASTICS ANALYSIS MARKET	75
6.11.1	INTRODUCTION	75
6.11.2	KEY TARIFF RATES	76
6.11.3	PRICE IMPACT ANALYSIS	76
6.11.4	IMPACT ON COUNTRY/REGION	76
6.11.4.1	North America	76
6.11.4.1.1	US	76
6.11.4.2	Europe	77
6.11.4.3	Asia Pacific	77
6.11.5	IMPACT ON END-USE INDUSTRIES	78
7	STRATEGIC DISRUPTION THROUGH TECHNOLOGY, PATENTS, DIGITAL, AND AI ADOPTIONS	79
7.1	TECHNOLOGY ANALYSIS	79

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

?

7.1.1 KEY TECHNOLOGIES 79

7.1.1.1 Fourier transform infrared spectroscopy (FTIR) 79

7.1.1.2 Raman spectroscopy 80

7.1.2 COMPLEMENTARY TECHNOLOGIES 80

7.1.2.1 Sample preparation technologies 80

7.1.3 ADJACENT TECHNOLOGIES 80

7.1.3.1 Nanoparticle analysis technologies 80

7.2 PATENT ANALYSIS 81

7.3 IMPACT OF AI/GEN AI ON MICROPLASTICS ANALYSIS MARKET 82

7.3.1 TOP USE CASES AND MARKET POTENTIAL 82

7.3.2 BEST MARKET PRACTICES 82

7.3.3 CASE STUDY ANALYSIS 83

7.3.4 INTERCONNECTED ADJACENT ECOSYSTEM & IMPACT ON MARKET PLAYERS 84

7.3.5 CLIENTS' READINESS TO ADOPT GENERATIVE AI IN MICROPLASTICS ANALYSIS MARKET 85

7.4 SUCCESS STORIES & REAL-WORLD APPLICATIONS 85

8 SUSTAINABILITY AND REGULATORY LANDSCAPE 86

8.1 REGIONAL REGULATIONS & COMPLIANCE 86

8.1.1 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 86

8.1.2 INDUSTRY STANDARDS 88

8.1.2.1 North America 88

8.1.2.1.1 US 88

8.1.2.1.2 Canada 89

8.1.2.2 Europe 89

8.1.2.2.1 UK 89

8.1.2.2.2 France 89

8.1.2.2.3 Germany 89

8.1.2.3 Asia Pacific 90

8.1.2.3.1 China 90

8.1.2.3.2 Japan 90

8.1.2.3.3 India 90

8.1.2.4 Latin America 91

8.1.2.4.1 Brazil 91

8.1.2.4.2 Mexico 91

8.1.2.5 Middle East & Africa 91

8.1.2.5.1 UAE 91

8.1.2.5.2 South Africa 91

8.2 SUSTAINABILITY IMPACT & REGULATORY POLICY INITIATIVES 92

8.3 CERTIFICATIONS, LABELING, AND ECO-STANDARDS 92

?

9 CUSTOMER LANDSCAPE & BUYER BEHAVIOR 93

9.1 DECISION-MAKING PROCESSES 93

9.2 KEY STAKEHOLDERS & BUYING EVALUATION CRITERIA 93

9.2.1 KEY STAKEHOLDERS IN BUYING PROCESS 93

9.2.2 KEY BUYING CRITERIA 94

9.3 ADOPTION BARRIERS & INTERNAL CHALLENGES 95

9.4 UNMET NEEDS FROM VARIOUS END-USE INDUSTRIES 96

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

10	MICROPLASTICS ANALYSIS MARKET, BY PRODUCT TYPE	97
10.1	INTRODUCTION	98
10.2	INSTRUMENTS	98
10.2.1	MICROSCOPY INSTRUMENTS	99
10.2.1.1	Optical microscopy	100
10.2.1.1.1	Cost-effectiveness, ease of use, and easy screening of microplastic particles to augment market growth	100
10.2.1.1.2	Electronic microscopy	101
10.2.1.2.1	Better capability to analyze microplastic surface structures and morphology to aid market adoption	101
10.2.1.3	Scanning electron microscopy	101
10.2.1.3.1	Scanning electron microscopy for high-resolution images of surface structures to augment adoption	101
10.2.2	SPECTROSCOPY INSTRUMENTS	102
10.2.2.1	FTIR SPETROSCOPY	103
10.2.2.1.1	FT-IR spectroscopy to deliver accurate and non-destructive characterization of polymers in environmental samples	103
10.2.2.2	Raman spectroscopy	104
10.2.2.2.1	Need for high sensitivity and resolution for rapid and non-destructive detection of microplastics to drive segment	104
10.2.2.3	Gas chromatography-mass spectroscopy	105
10.2.2.3.1	Gas chromatography-mass spectrometry to be effective in generating unique chemical signatures for polymer identification	105
10.2.2.4	Liquid chromatography-mass spectrometry	106
10.2.2.4.1	Enhanced microplastic detection by depolymerization-based analysis to propel segment growth	106
10.2.3	OTHER INSTRUMENTS	107
10.3	SOFTWARE & SERVICES	108
10.3.1	INTEGRATED SOFTWARE	109
10.3.1.1	Growing demand for faster, automated, and accurate identification and quantification of microplastics to drive market	109
10.3.2	AI-BASED SOFTWARE	109
10.3.2.1	Need for rapid, accurate, and high-throughput microplastic detection to aid adoption of AI-based analysis software	109
		?
10.4	REAGENTS & CONSUMABLES	110
10.4.1	NEED FOR CONTAMINATION-FREE SAMPLE PREPARATION AND ACCURATE MICROPLASTIC DETECTION TO DRIVE DEMAND	110
11	MICROPLASTICS ANALYSIS MARKET, BY ANALYTE TYPE	111
11.1	INTRODUCTION	112
11.2	POLYETHYLENE	112
11.2.1	INCREASING DEMAND IN FOOD PACKAGING, CONTAINERS, BOTTLES, AND HOUSEHOLD ITEMS TO DRIVE MARKET	112
11.3	POLYSTYRENE	113
11.3.1	BETTER DETECTION AND MANAGEMENT APPROACHES FOR POLYSTYRENE MICROPLASTICS TO STIMULATE MARKET GROWTH	113
11.4	POLYPROPYLENE	114
11.4.1	GROWING RELIANCE ON NON-DESTRUCTIVE MICROPLASTIC DETECTION METHODS TO AUGMENT MARKET GROWTH	114
11.5	POLYTETRAFLUOROETHYLENE	115
11.5.1	RISING ENVIRONMENTAL AND HEALTH RISKS DUE TO USE OF POLYTETRAFLUOROETHYLENE TO FUEL NEED FOR DETECTION	115
11.6	OTHER ANALYTE TYPES	116
12	MICROPLASTICS ANALYSIS MARKET, BY APPLICATION	117
12.1	INTRODUCTION	118
12.2	WATER TESTING	118
12.2.1	CRITICAL NEED FOR IMPROVED DETECTION AND REGULATION OF PLASTIC WASTE IN AQUATIC SYSTEMS TO BOOST MARKET GROWTH	118

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

12.3	SOIL TESTING	119
12.3.1	PRESSING NEED TO REDUCE MICROPLASTIC CONTAMINATION IN AGRICULTURE TO PROPEL MARKET GROWTH	119
12.4	AIR TESTING	120
12.4.1	RIISING AIRBORNE MICROPLASTIC THREAT TO SUPPORT ADVANCED TESTING NEEDS	120
12.4.2	OTHER APPLICATIONS	121
13	MICROPLASTICS ANALYSIS MARKET, BY END USER	122
13.1	INTRODUCTION	123
13.2	WATER TREATMENT PLANTS	123
13.2.1	RIISING ADOPTION OF ADVANCED SOLUTIONS TO TRANSFORM HEAVY-DUTY MANUFACTURING AND BOOST MARKET	123
13.3	FOOD & BEVERAGES COMPANIES	124
13.3.1	INCREASING CONCERNS OVER MICROPLASTIC CONTAMINATION IN PACKAGED FOOD & BEVERAGES TO FUEL MARKET GROWTH	124
13.4	PHARMACEUTICAL COMPANIES	125
13.4.1	PHARMACEUTICAL COMPANIES TO ENSURE DRUG SAFETY, MEET REGULATIONS, AND PREVENT MICROPLASTIC CONTAMINATION	125
13.5	CHEMICAL & PACKAGING INDUSTRIES	126
13.5.1	NEED TO ENSURE REGULATORY COMPLIANCE AND REDUCE ENVIRONMENTAL IMPACT TO DRIVE MARKET	126
13.6	TEXTILE INDUSTRIES	127
13.6.1	NEED FOR REDUCED ENVIRONMENTAL POLLUTION AND HIGH DEMAND FOR SUSTAINABLE PRODUCTS TO DRIVE MARKET	127
13.7	OTHER END USERS	128
14	MICROPLASTICS ANALYSIS MARKET, BY REGION	129
14.1	INTRODUCTION	130
14.2	NORTH AMERICA	130
14.2.1	MACROECONOMIC OUTLOOK FOR NORTH AMERICA	131
14.2.2	US	135
14.2.2.1	US to dominate North American microplastics analysis market during forecast period	135
14.2.3	CANADA	137
14.2.3.1	Growing public concern and increased research funding for plastic pollution to fuel market demand	137
14.3	EUROPE	140
14.3.1	MACROECONOMIC OUTLOOK FOR EUROPE	140
14.3.2	GERMANY	144
14.3.2.1	Rising consumer awareness about microplastics in water bodies to propel market growth	144
14.3.3	UK	146
14.3.3.1	Rising demand for microplastic analysis technologies in cosmetics industry to augment market growth	146
14.3.4	FRANCE	149
14.3.4.1	Stricter regulatory compliance and enhanced environmental protection initiatives to aid market growth	149
14.3.5	ITALY	151
14.3.5.1	Severe environmental concerns and stronger regulatory frameworks to support market growth	151
14.3.6	SPAIN	153
14.3.6.1	Stringent public health safety regulations to demand microplastic analysis	153
14.3.7	REST OF EUROPE	155
14.4	ASIA PACIFIC	157
14.4.1	MACROECONOMIC OUTLOOK FOR ASIA PACIFIC	158
14.4.2	CHINA	162
14.4.2.1	Rising concerns over microplastic pollution from textile industry to favor market growth	162
14.4.3	JAPAN	165

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

14.4.3.1	Growing use of advanced analytical techniques for detecting plastic contamination to spur market growth	165
?		
14.4.4	INDIA	167
14.4.4.1	Shifting from EPR compliance to specialized public health and air quality analysis to propel market growth	167
14.4.5	AUSTRALIA	170
14.4.5.1	Policy-driven phase-outs and sophisticated national monitoring (CSIRO and IMOS) to drive market	170
14.4.6	SOUTH KOREA	172
14.4.6.1	Demand for microplastic analysis to be driven by sustained monitoring investment and international predictive modeling	172
14.4.7	REST OF ASIA PACIFIC	174
14.5	LATIN AMERICA	177
14.5.1	MACROECONOMIC OUTLOOK FOR LATIN AMERICA	177
14.5.2	BRAZIL	181
14.5.2.1	Unparalleled scientific diagnosis mandates to propel high-fidelity morphological analytical methods	181
14.5.3	MEXICO	183
14.5.3.1	Targeted upstream regulation focused on product control to lead to high, mandatory demand for compliance verification	183
14.5.4	REST OF LATIN AMERICA	186
14.6	MIDDLE EAST & AFRICA	188
14.6.1	MACROECONOMIC OUTLOOK FOR MIDDLE EAST & AFRICA	188
14.6.2	GCC COUNTRIES	192
14.6.2.1	Sovereign investment in proprietary methodology and state-of-the-art laboratory infrastructure to augment market growth	192
14.6.3	REST OF MIDDLE EAST & AFRICA	194
15	COMPETITIVE LANDSCAPE	197
15.1	INTRODUCTION	197
15.1.1	OVERVIEW OF STRATEGIES ADOPTED BY KEY PLAYERS IN MICROPLASTICS ANALYSIS MARKET	197
15.2	REVENUE ANALYSIS, 2020-2024	199
15.3	MARKET SHARE ANALYSIS, 2024	200
15.3.1	RANKING OF KEY PLAYERS, 2024	202
15.4	COMPANY EVALUATION MATRIX: KEY PLAYERS, 2024	202
15.4.1	STARS	202
15.4.2	EMERGING LEADERS	202
15.4.3	PERVASIVE PLAYERS	202
15.4.4	PARTICIPANTS	202
15.4.5	COMPANY FOOTPRINT: KEY PLAYERS, 2024	204
15.4.5.1	Company footprint	204
15.4.5.2	Region footprint	205
15.4.5.3	Product type footprint	206
15.4.5.4	Analyte type footprint	207
?		
15.4.5.5	Application footprint	208
15.4.5.6	End-user footprint	209
15.5	COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2024	210
15.5.1	PROGRESSIVE COMPANIES	210
15.5.2	RESPONSIVE COMPANIES	210
15.5.3	DYNAMIC COMPANIES	210

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

15.5.4	STARTING BLOCKS	210
15.5.5	COMPETITIVE BENCHMARKING OF STARTUPS/SMES, 2024	212
15.5.5.1	Detailed list of key startups/SMES	212
15.5.5.2	Competitive benchmarking of key startups/SMES	213
15.6	COMPETITIVE SCENARIO	214
15.6.1	PRODUCT LAUNCHES & APPROVALS	214
15.6.2	DEALS	215
15.6.3	EXPANSIONS	216
15.7	COMPANY VALUATION & FINANCIAL METRICS	217
15.7.1	FINANCIAL METRICS	217
15.7.2	COMPANY VALUATION	217
15.8	BRAND/PRODUCT COMPARISON	218
16	COMPANY PROFILES	219
16.1	KEY PLAYERS	219
16.1.1	THERMO FISHER SCIENTIFIC INC.	219
16.1.1.1	Business overview	219
16.1.1.2	Products offered	220
16.1.1.3	Recent developments	221
16.1.1.3.1	Product launches	221
16.1.1.3.2	Expansions	222
16.1.1.4	MnM view	222
16.1.1.4.1	Right to win	222
16.1.1.4.2	Strategic choices	223
16.1.1.4.3	Weaknesses & competitive threats	223
16.1.2	AGILENT TECHNOLOGIES, INC.	224
16.1.2.1	Business overview	224
16.1.2.2	Products offered	225
16.1.2.3	Recent developments	226
16.1.2.3.1	Product updates	226
16.1.2.3.2	Expansions	226
16.1.2.4	MnM view	226
16.1.2.4.1	Right to win	226
16.1.2.4.2	Strategic choices	227
16.1.2.4.3	Weaknesses & competitive threats	227
?		
16.1.3	BRUKER	228
16.1.3.1	Business overview	228
16.1.3.2	Products offered	229
16.1.3.3	Recent developments	230
16.1.3.3.1	Product launches	230
16.1.3.3.2	Deals	231
16.1.3.4	MnM view	231
16.1.3.4.1	Right to win	231
16.1.3.4.2	Strategic choices	232
16.1.3.4.3	Weaknesses & competitive threats	232
16.1.4	SHIMADZU CORPORATION	233
16.1.4.1	Business overview	233

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

16.1.4.2	Products offered	234
16.1.4.3	Recent developments	235
16.1.4.3.1	Product launches	235
16.1.4.3.2	Deals	236
16.1.4.3.3	Expansions	236
16.1.4.4	MnM view	237
16.1.4.4.1	Right to win	237
16.1.4.4.2	Strategic choices	237
16.1.4.4.3	Weaknesses & competitive threats	237
16.1.5	EOL LTD.	238
16.1.5.1	Business overview	238
16.1.5.2	Products offered	239
16.1.5.3	Recent developments	240
16.1.5.3.1	Product launches	240
16.1.5.4	MnM view	240
16.1.5.4.1	Right to win	240
16.1.5.4.2	Strategic choices	240
16.1.5.4.3	Weaknesses & competitive threats	240
16.1.6	MERCK KGAA	241
16.1.6.1	Business overview	241
16.1.6.2	Products offered	242
16.1.7	OXFORD INSTRUMENTS	243
16.1.7.1	Business overview	243
16.1.7.2	Products offered	244
16.1.8	ZEISS GROUP	246
16.1.8.1	Business overview	246
16.1.8.2	Products offered	247
16.1.9	DANAHER CORPORATION	249
16.1.9.1	Business overview	249
16.1.9.2	Products offered	250
16.1.9.3	Recent developments	251
16.1.9.3.1	Product launches	251
16.1.10	PERKINELMER	252
16.1.10.1	Business overview	252
16.1.10.2	Products offered	253
16.1.10.3	Recent developments	254
16.1.10.3.1	Expansions	254
16.1.11	HORIBA, LTD.	255
16.1.11.1	Business overview	255
16.1.11.2	Products offered	256
16.1.12	ENDRESS+HAUSER GROUP SERVICES AG	257
16.1.12.1	Business overview	257
16.1.12.2	Products offered	258
16.1.13	ASCO GLOBAL	259
16.1.13.1	Business overview	259
16.1.13.2	Products offered	259
16.1.14	LAMBDA SCIENTIFIC PTY LTD.	260

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

16.1.14.1	Business overview	260
16.1.14.2	Products offered	260
16.1.15	TESCAN GROUP A.S.	261
16.1.15.1	Business overview	261
16.1.15.2	Products offered	261
16.2	OTHER PLAYERS	262
16.2.1	MALVERN PANALYTICAL LTD.	262
16.2.2	EDINBURGH INSTRUMENTS	263
16.2.3	GERSTEL GMBH & CO. KG	264
16.2.4	LIGHTNOVO	265
16.2.5	KEYENCE INDIA PVT. LTD.	266
16.2.6	OCEAN OPTICS	267
16.2.7	RENISHAW PLC	268
16.2.8	TECHNOS INSTRUMENTS	269
16.2.9	TOKYO INSTRUMENTS, INC.	270
16.2.10	HANGZHOU TIETAI AUTOMATION TECHNOLOGY CO., LTD.	271
17	APPENDIX	272
17.1	DISCUSSION GUIDE	272
17.2	KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL	276
17.3	CUSTOMIZATION OPTIONS	278
17.4	RELATED REPORTS	278
17.5	AUTHOR DETAILS	279

Microplastic Analysis Market by Analyte [Polyethylene, Polystyrene, Polypropylene], Product [Microscopy (Optical, Electron), Spectroscopy (FTIR, Raman, GC-MS, LC-MS), Software, Consumables], Application [Water, Soil, Air], End User - Global Forecast to 2030

Market Report | 2025-11-18 | 280 pages | MarketsandMarkets

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User	\$4950.00
	Multi User	\$6650.00
	Corporate License	\$8150.00
	Enterprise Site License	\$10000.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Zip Code*

Country*

Date

Signature