TURKISH ACCREDITATION AGENCY

ACCREDITATION CERTIFICATE

As a Testing Laboratory

DÜZEN-NORWEST ÇEVRE GIDA VE VETERİNER SAĞLIK HİZMETLERİ EĞİTİM DANIŞMANLIK TİCARET ANONİM ŞİRKETİ

Central Address: BÜYÜKESAT MAH. KAPTANPAŞA CAD. No:2/ ÇANKAYA/ANKARA Ankara / Türkiye

is accredited in accordance with TS EN ISO/IEC 17025:2017 standard within the scope given in Annex following the assessment conducted by TURKAK.

Accreditation Number : AB-0375-T

Accreditation Date : 05.08.2010

Revision Date / Number : 14.07.2026 / 22

This certificate shall remain in force until **31.03.2027**, subject to continuing compliance with the standard **TS EN ISO/IEC 17025:2017**, related regulations and requirements.

Gülden Banu Müderrisoğlu
Secretary General

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Agreement (MRA) in the scope of ISO/IEC 17025.

This document has been signed by Gülden Banu Müderrisoğlu with a secure electronic signature in accordance with the electronic signature law numbered 5070. Use the QR code to verify the e-signed document.

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TS EN ISO/IEC 17025
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Testing Laboratory

Address :
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Phone : +90 312 447 2999
Fax : +90 312 447 8666
Email : dnquality@duzen.com.tr
Website : https://duzennorwest.com.tr

Environmental Tests

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Water	Sampling of Groundwaters	TS ISO 5667-11
Water	Sampling of Lakes,Natural and Man-Made	TS ISO 5667-4
Water	Sampling for Microbiological Analysis	TS EN ISO 19458
Water	Determination of pH Electrometric Method	SM 4500 H^+ B
Water	Sampling of Rivers and Streams	TS EN ISO 5667-6
Water	Determination of Total Solids Gravimetric Method	SM 2540 B
Water	Determination of Conductivity Laboratory Method	SM 2510 B
Water	Determination of Oil and Grease Pretreatment: Soxhlet Extraction Method Analysis: Gravimetric Method	SM 5520 D
Water	Determination of Total Suspended Solids (TSS) Gravimetric Method	SM 2540 D
Water	Determination of Total Dissolved Solids (TDS) Gravimetric Method	SM 2540 C
Water	Determination of Settleable Solids Volumetric Method	SM 2540 F
Water	Determination of Dissolved Oxygen Electrochemical Probe Method	TS EN ISO 5814

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Water	Determination of Sulphide Titrimetric Method	SM 4500-S^{2-} F
Water	Determination of Free Cyanide IC Method	In House Method - KYTÇ 721-10 Rev:2 (Adapted from Journal of Chromatography A, 1023 (2004) p:105-112)
Water	Determination of Sulfide IC Method	In House Method - KYTÇ 721-10 Rev:2 (Adapted from Journal of Chromatography A, 1023 (2004) p:105-112)
Water	Determination of Free Chlorine Titrimetric Method	SM 4500-Cl F
Water	Determination of Total Chlorine Titrimetric Method	SM 4500-Cl F
Water	Determination of Chloride Titrimetric Method	SM 4500-Cl^- B
Water	Determination of Chemical Oxygen Demand (COD) Open Reflux-Titrimetric Method	SM 5220 B
Water	Determination of Chemical Oxygen Demand (COD) Closed Reflux-Titrimetric Method	SM 5220 C
Water	Determination of Biochemical Oxygen Demand (BOD) 5-Day BOD Test	SM 5210 B
Water	Determination of Color Spectrophotometric Method	SM 2120 C
Water	Determination of Turbidity Nephelometric Method	SM 2130 B
Water	Determination of Nitrite/Nitrite Nitrogen Spectrophotometric Method	SM 4500-NO_2^- B

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Water	Determination of Sulfite Titrimetric Method	SM 4500 SO_3^{2-} B
Water	Determination of Chromium (VI) Spectrophotometric Method	SM 3500-Cr B
Water	Determination of Chromium (VI) IC Method	SM 3500-Cr C
Water	Determination of Total Cyanide Pretreatment: Distilation Method Analysis: Spectrophotometric Method	SM 4500-CN C SM 4500-CN E
Water	Determination of Free Cyanide Spectrophotometric Method	SM 4500-CN E
Water	Determination of Sulphate Spectrophotometric Method	SM 4500 SO_4^{2-} E
Water	Determination of Total Phosphorus Pretreatment: Extraction Method Analysis: Spectrophotometric Method	SM 4500-P B SM 4500-P E
Water	Determination of Bromate, Chlorate IC Method	SM 4110 D
Water	Determination of Alkalinity Titrimetric Method	SM 2320 B
Water	Determination of Hardness EDTA Titrimetric Method	SM 2340 C
Water	Determination of Total Kjeldahl Nitrogen Macro Kjeldahl Method	SM 4500-N_{org} B

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Water	Determination of Hydrocarbons Pretreatment: Soxhlet Extraction Method Measurement: Gravimetric Method	SM 5520 D and F
Water	Determination of Ammonium/Ammonium Nitrogen Pretreatment: Distilation Method Measurement: Spectrophotometric Method	SM 4500-NH_3 B SM 4500-NH_3 F
Water	Determination of Anionic Surfactants (MBAS) Pretreatment: Separation with Sublation Apparatus Measurement: Spectrophotometric Method	SM 5540 B SM 5540 C
Water	Measurement of Flow Rate Flow Rate Measurement Method	EPA 841-B-97-003
Water	Determination of Total Organic Carbon (TOC) / Dissolved Organic Carbon (DOC) High Temperature Combustion Method	SM 5310 B
Water	Determination of Hydrocarbon Oil Index (C10-C40) Pretreatment: Solvent Extraction Analysis: GC-FID Method	TS EN ISO 9377-2
Water	Determination of Hydrocarbon Oil Index (C10-C40) Pretreatment: Cleaning Florisil Analysis: GC-FID Method	TS EN ISO 9377-2
Water	Determination of Hydrocarbon Oil Index (C10-C40) Pretreatment: Micro Separator Analysis: GC-FID Method	TS EN ISO 9377-2
Water	Determination of Permanganate Index Titrimetric Method	TS 6288 EN ISO 8467
Water	Determination of Chlorophyll-a Spectrophotometric Method	SM 10150 B
Water	Determination of Bromide, Fluoride, Chloride, Nitrate, Nitrite, Phosphate, Sulphate IC Method	SM 4110 B
Water	Determination of Lithium, Sodium, Ammonium, Calcium, Magnesium, Potassium IC Method	TS EN ISO 14911

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Water	Determination of Phenol Pretreatment: Distilation Method Measurement: Spectrophotometric Method	SM 5530 B SM 5530 D
Water	Determination of Phenol HPLC/UV Method	In House Method KYTÇ 721-41, Rev:1 (Adapted from OSHA Method 32)
Water	Determination of Silver (Ag), Aluminium (Al), Arsenic (As), Boron (B), Barium (Ba), Beryllium (Be), Calcium (Ca), Cadmium (Cd), Cobalt (Co), Chromium (Cr), Copper (Cu), Iron (Fe), Potassium (K), Lithium (Li), Magnesium (Mg), Manganese (Mn), Molybdenum (Mo), Sodium (Na), Nickel (Ni), Lead (Pb), Antimony (Sb), Selenium (Se), Strontium (Sr), Vanadium (V), Zinc (Zn), Phosphorus (P), Bismuth (Bi), Tin (Sn), Silisium (Si), Titanium (Ti), Sulphur (S) Pretreatment: Acid Extraction Pretreatment: Nitric Acid Extraction Pretreatment: Hydrochloric Acid Extraction Measurement: ICP-OES Method	SM 3030 C SM 3030 D SM 3030 E SM 3030 F SM 3120 B TS EN ISO 11885
Water	Determination of Silver (Ag), Aluminium (Al), Arsenic (As), Boron (B), Barium (Ba), Beryllium (Be), Cadmium (Cd), Cobalt (Co), Chromium (Cr), Copper (Cu), Iron (Fe), Mercury (Hg), Lithium (Li), Manganese (Mn), Molybdenum (Mo), Nickel (Ni), Lead (Pb), Antimony (Sb), Selenium (Se), Strontium (Sr), Vanadium (V), Zinc (Zn), Phosphorus (P), Bismuth (Bi), Tin (Sn) Pretreatment: Acid Extraction Pretreatment: Nitric Acid Extraction Pretreatment: Hydrochloric Acid Extraction Measurement: ICP-MS Method	SM 3030 C SM 3030 D SM 3030 E SM 3030 F EPA 200.8 EPA 6020 B TS EN ISO 17294 (1-2)
Water	Determination of Temperature Laboratory and Field Method	SM 2550 B
Water	Determination of Arsenic (As) ICP-OES Hydride Method	In House Method KYTÇ 721-105, Rev:2 (Adapted from SM 3120 B and TS EN ISO 11885)
Water	Determination of Light Transmittance/Secchi Disc Depth Measurement: Disk Method	EPA 841-B-97-003
Water	Determination of Hydrazine Spectrophotometric Method	ASTM D1385-07
Water	Determination of Total Pesticides (1,3,5-Trichlorobenzene, Alpha-BHC, 1,2,4-Trichlorobenzene, Gamma-BHC, 1,2,3-Trichlorobenzene, Pentachlorobenzene Hexachlorobenzene, Beta-BHC, Delta-BHC, Pentachloronitrobenzene, Heptachlor, Aldrin, Isodrin, Heptachlorepoxide, Trans chlordane, Endosulfan I, Dieldrin, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDD, 2,4'-DDT, Endrin Aldehyde, Endosulfan sulfate, 4,4'-DDT, Parathion Ethyl, Dichlorvos) Pretreatment: Solid Phase Extraction Pretreatment: Silica Gel Clean Up Measurement: GC-ECD Method	EPA 3535 A EPA 3630 C EPA 8081 B EPA 8121
Water	Determination of Adsorbable Organically Bound Halogens (AOX) Microcoulometric Titration	EPA 1650

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Water	Determination of Volatile Organic Compounds (VOC) (Chlorobenzene, Ethylbenzene, Vinyl chloride (Chloroethene), Chloroform (Trichloromethane), Benzene, 1,2-Dichloroethane, Trichloroethene, Bromodichloromethane, Tetrachloroethene, Dibromochloromethane, Bromoform (Tribromomethane), Allylchloride (Epichloridine), 1,1-Dichloroethane, trans-1,2-Dichloroethene, Methyl acrylate, Bromochloromethane, 1,1,1-Trichloroethane, 1-Chlorobutane, 1,1-Dichloropropene, 1,2-Dichloropropane, Methyl methacrylate, Dibromomethane, cis-1,3-Dichloropropene, 4-Methyl-2-pentanone, 1,1-Dichloropropanone-2, Toluene, trans-1,3-Dichloropropene, Ethyl methacrylate, 1,1,2-Trichloroethane, 1,3-Dichloropropane, 2-Hexanone, 1,2-Dibromoethane,1,1,1,2-Tetrachloroethane, m+p-Xylene, o-Xylene, Styrene, Isopropylbenzene, 1,1,2,2-Tetrachloroethane, Bromobenzene, trans-1,4-Dichloro-2-butene, 1,2,3-Trichloropropane, n-Propylbenzene, 2-Chlorotoluene, 1,3,5-Trimethylbenzene, 1,2,4-Trimethylbenzene, 4-Chlorotoluene, tert-Butyl benzene, p-Isopropyl toluene, Pentachloroethane, sec-Butyl benzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, n-Butyl benzene, 1,2-Dichlorobenzene, Carbon tetrachloride, Hexachloroethane, 1,2-Dibromo-3-chloropropane, Nitrobenzene, 1,2,4-Trichlorobenzene, Hexachlorobutadiene, Naphthalene, 1,2,3-Trichlorobenzene) Pretreatment: Purge&Trap Measurement: GC-MS Method	EPA 5030 C EPA 8260 D
Water	Determination of Phenols (4-Chloro-3-methylphenol, 2-Chlorophenol, 2,4-Dichlorophenol, 2,6-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrophenol, Dinoseb (2-sec-butyl-4,6-dinitrophenol), DNOC (2-Methyl-4,6-dinitrophenol), 2-Methylphenol (o-Cresol), 3&4 Methylphenol (m&p-Cresol), 4-Nitrophenol, Pentachlorophenol, Phenol, 2,3,4,6-Tetrachlorophenol, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2-Nitrophenol) Pretreatment: Solid Phase Extraction Pretreatment: Silica Gel Clean Up Measurement: GC-MS Method	EPA 3535 A EPA 3630 C EPA 8270 E
Water	Determination of Polychlorinated Biphenyls (PCBs) (18, 28, 31, 44, 52, 101, 118, 138, 149, 153, 170, 180, 194) Pretreatment: Liquid/Liquid Extraction Method Pretreatment: Silica Gel Clean Up Measurement: GC-ECD Method	TS 2627 EN ISO 6468
Water	PAH (Polyaromatic Hydrocarbons) Determination (Naphthalene, Acenaphthalene, Acenaphthane, Flourene, Phenanthrene, Anthrecene, Flouranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)flouranthene Benzo(k)flouranthene, Benzo(a)pyrene, Dibenzo(a,h)anthrecene, Benzo (g,h,i) perylene, Indeno (1,2,3-cd) pyrene) Pretreatment: Solid Phase Extraction Pretreatment: Silica Gel Clean Up Measurement: GC-MS Method	EPA 3535 A EPA 3630 C EPA 8270 E
Water	Determination of Sulfite IC Method	TS EN ISO 10304-3
Water	Determination of Phthalate Esters (Dimethyl phthalate, Diethyl phthalate, Di-n-butyl phthalate, Benzyl butyl phthalate, bis (2-ethylhexyl) phthalate, Di-n-octyl phthalate) Pretreatment: Solid Phase Extraction Pretreatment: Alumina Clean Up Pretreatment: Florisil Clean Up Measurement: GC-MS Method	EPA 3535 A EPA 3610 B EPA 3620 C EPA 8270 E

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Water	Determination of Tinned Organic Compounds (Monobutyltin, Dibutyltin, Tributyltin, Tetrabutyltin, Monooctyltin, Dioctyltin, Triphenyltin, Tricyclohexyltin) Pretreatment: Derivatization Method Pretreatment: Liquid/Liquid Extraction Method Pretreatment: Silica Gel/Alumina Clean Up Method Measurement: GC-MS Method	TS EN ISO 17353
Water	Enumeration of Coliform Bacteria MPN Technique	SM 9221 B
Water	Enumeration of Fecal Coliform MPN Technique	SM 9221 E
Water	Enumeration of Coliform Bacteria Membrane Filtration Technique	SM 9222 B
Water	Enumeration of *Escherichia coli* Membrane Filtration Technique	SM 9222 H
Water	Colony Count (22ºC)	TS EN ISO 6222
Water	Colony Count (37 ^{o} C)	TS EN ISO 6222
Water	Enumeration of *Pseudomonas aeruginosa* Membrane Filtration Technique	TS EN ISO 16266
Water	Enumeration of Fecal Enterococci MPN Technique	SM 9230 B
Water	Enumeration of Fecal Enterococci Membrane Filtration Technique	TS EN ISO 7899-2
Water	Detection *of Salmonella* spp.	TS EN ISO 19250
Water	Enumeration of *Legionella* Membrane Filtration Technique	ISO 11731
Waste Water	Sampling techniques	TS ISO 5667-10
Waste Water	Determination of pH Electrometric Method	SM 4500 H^+ B
Waste Water	Determination of Total Solids Gravimetric Method	SM 2540 B

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Waste Water	Determination of Conductivity Laboratory Method	SM 2510 B
Waste Water	Determination of Oil and Grease Pretreatment: Soxhlet Extraction Method Measurement: Gravimetric Method	SM 5520 D
Waste Water	Determination of Settleable Solids Volumetric Method	SM 2540 F
Waste Water	Determination of Total Dissolved Solids (TDS) Gravimetric Method	SM 2540 C
Waste Water	Determination of Sulphide Titrimetric Method	SM 4500-S_2^- F
Waste Water	Determination of Dissolved Oxygen Electrochemical Probe Method	TS EN ISO 5814
Waste water	Determination of Free Cyanide IC Method	In House Method - KYTÇ 721-10 Rev:2 (Adapted from Journal of Chromatography A, 1023 (2004) p:105-112)
Waste Water	Determination of Free Chlorine Titrimetric Method	SM 4500-Cl F
Waste Water	Determination of Chloride Titrimetric Method	SM 4500-Cl^- B
Waste Water	Determination of Chemical Oxygen Demand (COD) Open Reflux-Titrimetric Method	SM 5220 B
Waste Water	Determination of Sulfide IC Method	In House Method - KYTÇ 721-10 Rev:2 (Adapted from Journal of Chromatography A, 1023 (2004) p:105-112)
Waste Water	Determination of Total Chlorine Titrimetric Method	SM 4500-Cl F
Waste Water	Determination of Color Spectrophotometric Method	SM 2120 C
Waste Water	Determination of Chemical Oxygen Demand (COD) Closed Reflux-Titrimetric Method	SM 5220 C

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Waste Water	Determination of Biochemical Oxygen Demand (BOD) 5-Day BOD Test	SM 5210 B
Wastewater	Determination of Turbidity Nephelometric Method	SM 2130 B
Waste Water	Determination of Sulfite Titrimetric Method	SM 4500 SO_3^{2-} B
Waste Water	Determination of Nitrite / Nitrite Nitrogen Spectrophotometric Method	SM 4500-NO_2^- B
Waste Water	Determination of Total Suspended Solids Gravimetric Method	SM 2540 D
Waste Water	Determination of Chromium (VI) Spectrophotometric Method	SM 3500-Cr B
Waste Water	Determination of Total Cyanide Pretreatment: Distilation Method Measurement: Spectrophotometric Method	SM 4500-CN C SM 4500-CN E
Waste Water	Determination of Free Cyanide Spectrophotometric Method	SM 4500-CN E
Waste Water	Determination of Sulphate Spectrophotometric Method	SM 4500 SO_4^{2-} E
Waste Water	Determination of Total Kjeldahl Nitrogen (TKN) Macro Kjeldahl Method	SM 4500-N_{org} B
Waste Water	Determination of Ammonium / Ammonium Nitrogen Pretreatment: Distilation Method Measurement: Spectrophotometric Method	SM 4500-NH_3 B SM 4500-NH_3 F

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Waste Water	Determination of Total Phosphorus Pretreatment: Extraction Method Measurement: Spectrophotometric Method	SM 4500-P B SM 4500-P E
Waste Water	Determination of Total Organic Carbon (TOC) / Dissolved Organic Carbon (DOC) High Temperature Combustion Method	SM 5310 B
Waste Water	Determination of Total Petroleum Hydrocarbons Pretreatment: Soxhlet Extraction Method Measurement: Gravimetric Method	SM 5520 D and F
Waste Water	Determination of Hydrocarbon Oil Index Pretreatment: Solvent Extraction Pretreatment: Micro Separator Pretreatment: Florisil Clean Up Measurement: GC-FID Method	TS EN ISO 9377-2
Waste Water	Determination of Anionic Surfactants as MBAS Pretreatment: Separation with Sublation Apparatus Measurement: Spectrophotometric Method	SM 5540 B SM 5540 C
Waste Water	Determination of Bromide, Fluoride, Chloride, Nitrate, Nitrite, Phosphate, Sulphate IC Method	SM 4110 B
Waste Water	Determination of Ammonium, Calcium, Lithium, Magnesium, Potassium, Sodium IC Method	TS EN ISO 14911
Waste Water	Determination of Phenol Pretreatment: Distillation Method Measurement: Spectrophotometric Method	SM 5530 B SM 5530 D
Wastewater	Determination of Phenol HPLC/UV Method	In House Method KYTÇ 721-41, Rev:1 (Adapted from OSHA Method 32)
Waste Water	Determination of Silver (Ag), Aluminium (Al), Arsenic (As), Boron (B), Barium (Ba), Beryllium (Be), Calcium (Ca), Cadmium (Cd), Cobalt (Co), Chromium (Cr), Copper (Cu), Iron (Fe), Potassium (K), Lithium (Li), Magnesium (Mg), Manganese (Mn), Molybdenum (Mo), Sodium (Na), Nickel (Ni), Lead (Pb), Antimony (Sb), Selenium (Se), Strontium (Sr), Vanadium (V), Zinc (Zn), Phosphorus (P), Bismuth (Bi), Tin (Sn), Silisium (Si), Titanium (Ti), Sulphur (S) Pretreatment: Acid Extraction Pretreatment: Nitric Acid Extraction Pretreatment: Hydrochloric Acid Extraction Measurement: ICP-OES Method	SM 3030 C SM 3030 D SM 3030 E SM 3030 F SM 3120 B TS EN ISO 11885

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DÜZEN-NORWEST ÇEVRE GIDA VE VETERİNER SAĞLIK HİZMETLERİ EĞİTİM DANIŞMANLIK TİCARET ANONİM ŞİRKETİ

Accreditation Nr : AB-0375-T
Revision Nr: 22 Date: 14.07.2026

Testing Laboratory

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Waste Water	Determination of Silver (Ag), Aluminium (Al), Arsenic (As), Boron (B), Barium (Ba), Beryllium (Be), Cadmium (Cd), Cobalt (Co), Chromium (Cr), Copper (Cu), Iron (Fe), Mercury (Hg), Lithium (Li), Manganese (Mn), Molybdenum (Mo), Nickel (Ni), Lead (Pb), Antimony (Sb), Selenium (Se), Strontium (Sr), Vanadium (V), Zinc (Zn), Phosphorus (P), Bismuth (Bi), Tin (Sn) Pretreatment: Acid Extraction Pretreatment: Nitric Acid Extraction Pretreatment: Hydrochloric Acid Extraction Measurement: ICP-MS Method	SM 3030 C SM 3030 D SM 3030 E SM 3030 F EPA 200.8 EPA 6020 B TS EN ISO 17294 (1-2)
Waste Water	Determination of Arsenic (As) ICP-OES Hydride Method	In House Method KYTÇ 721-105, Rev:2 (Adapted from SM 3120 B and TS EN ISO 11885)
Wastewater	Determination of Temperature Laboratory and Field Method	SM 2550 B
Waste Water	Determination of Hydrazine Spectrophotometric Method	ASTM D1385-07
Waste Water	Measurement of Flow Rate Flow Rate Measurement Method	EPA 841-B-97-003
Waste Water	Determination of Total Pesticides (1,3,5-Trichlorobenzene, Alpha-BHC, 1,2,4-Trichlorobenzene, Gamma-BHC, 1,2,3-Trichlorobenzene, Pentachlorobenzene, Hexachlorobenzene, Beta-BHC, Delta-BHC, Pentachloronitrobenzene, Heptachlor, Aldrin, Isodrin, Heptachlorepoxide, Trans chlordane, Endosulfan I, Dieldrin, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDD, 2,4'-DDT, Endrin Aldehyde, Endosulfan sulfate, 4,4'-DDT, Parathion Ethyl, Dichlorvos) Pretreatment: Solid Phase Extraction Pretreatment: Silica Gel Clean Up Measurement: GC-ECD Method	EPA 3535 A EPA 3630 C EPA 8081 B EPA 8121
Waste Water	Determination of Adsorbable Organically Bound Halogens (AOX) Microcoulometric Method	EPA 1650
Waste Water	Determination of Volatile Organic Compounds (VOC) (Chlorobenzene, Ethylbenzene, Vinyl chloride (Chloroethene), Chloroform, (Trichloromethane) Benzene, 1,2-Dichloroethane, Trichloroethene, Bromodichloromethane, Tetrachloroethene, Dibromochloromethane, Bromoform (Tribromomethane), Allylchloride (Epichloridine), 1,1-Dichloroethane, trans-1,2-Dichloroethene, Methyl acrylate, Bromochloromethane, 1,1,1-Trichloroethane, 1-Chlorobutane, 1,1-Dichloropropene, 1,2-Dichloropropane, Methyl methacrylate, Dibromomethane, cis-1,3-Dichloropropene, 4-Methyl-2-pentanone, 1,1-Dichloropropanone-2, Toluene, trans-1,3-Dichloropropene, Ethyl methacrylate, 1,1,2-Trichloroethane, 1,3-Dichloropropane, 2-Hexanone, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane, m+p-Xylene, o-Xylene, Styrene, Isopropylbenzene, 1,1,2,2-Tetrachloroethane, Bromobenzene, trans-1,4-Dichloro-2-butene, 1,2,3-Trichloropropane, n-Propylbenzene, 2-Chlorotoluene, 1,3,5-Trimethylbenzene, 1,2,4-Trimethylbenzene, 4-Chlorotoluene, tert-Butyl benzene, p-Isopropyl toluene, Pentachloroethane, sec-Butyl benzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, n-Butyl benzene, 1,2-Dichlorobenzene, Carbon tetrachloride, Hexachloroethane, 1,2-Dibromo-3-chloropropane, Nitrobenzene, 1,2,4-Trichlorobenzene, Hexachlorobutadiene, Naphthalene, 1,2,3-Trichlorobenzene) Pretreatment: Purge&Trap Measurement: GC-MS Metodu	EPA 5030 C EPA 8260 D

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Waste Water	Determination of Polychlorinated Biphenyls (PCBs) (18, 28, 31, 44, 52, 101, 118, 138, 149, 153, 170, 180, 194) Pretreatment: Liquid/Liquid Extraction Method Pretreatment: Silica Gel Clean Up Measurement: GC-ECD Method	TS 2627 EN ISO 6468
Waste Water	Determination of Sulfite IC Method	TS EN ISO 10304-3
Waste Water	Determination of PAH (Polyaromatic Hydrocarbons) Naphthalene, Acenaphthalene, Acenaphthane, Flourene, Phenanthrene, Anthrecene, Flouranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)flouranthene, Benzo(k)flouranthene, Benzo(a)pyrene, Dibenzo(a,h)anthrecene, Benzo(g,h,i)perylene, Indeno(1,2,3-c-d)pyrene Pretreatment: Solid Phase Extraction Pretreatment: Silica Gel Clean Up Measurement: GC-MS Method	EPA 3535 A EPA 3630 C EPA 8270 E
Waste Water	Determination of Phthalate Esters (Dimethyl phthalate, Diethyl phthalate, Di-n-butyl phthalate, Benzyl butyl phthalate, bis (2-ethylhexyl) phthalate, Di-n-octyl phthalate) Pretreatment: Solid Phase Extraction Pretreatment: Alumina Clean Up Pretreatment: Florisil Clean Up Measurement: GC-MS Method	EPA 3535 A EPA 3610 B EPA 3620 C EPA 8270 E
Waste Water	Determination of Tinned Organic Compounds (Monobutyltin, Dibutyltin, Tributyltin, Tetrabutyltin, Monooctyltin, Dioctyltin, Triphenyltin, Tricyclohexyltin) Pretreatment: Derivatization Method Pretreatment: Liquid/Liquid Extraction Method Pretreatment: Silica Gel/Alumina Clean Up Method Measurement: GC-MS Method	TS EN ISO 17353
Waste Water	Enumeration of Coliform Bacteria MPN Technique	SM 9221 B
Waste Water	Enumeration of Fecal Coliform MPN Technique	SM 9221 E
Waste Water	Enumeration of Coliform Bacteria Membrane Filtration Technique	SM 9222 B
Waste Water	Enumeration of *Escherichia coli* Membrane Filtration Technique	SM 9222 H
Waste Water	Colony Count (22°C)	TS EN ISO 6222
Waste Water	Colony Count (37 ^{o} C)	TS EN ISO 6222
Waste Water	Enumeration of *Pseudomonas aeruginosa* Membrane Filtration Technique	TS EN ISO 16266

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Waste Water	Enumeration of Fecal Enterococci MPN Technique	SM 9230 B
Waste Water	Enumeration of Fecal Enterococci Membrane Filtration Technique	TS EN ISO 7899-2
Waste Water	Detection *of Salmonella* spp.	TS EN ISO 19250
Waste Water	Determination of Phenols (4-Chloro-3-methylphenol, 2-Chlorophenol, 2,4-Dichlorophenol, 2,6-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrophenol, Dinoseb (2-sec-butyl-4,6-dinitrophenol), DNOC (2-Methyl-4,6-dinitrophenol), 2-Methylphenol (o-Cresol), 3&4 Methylphenol (m&p-Cresol), 4-Nitrophenol, Pentachlorophenol, Phenol, 2,3,4,6-Tetrachlorophenol, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2-Nitrophenol) Pretreatment: Solid Phase Extraction Pretreatment: Silica Gel Clean Up Measurement: GC-MS Method	EPA 3535 A EPA 3630 C EPA 8270 E
Sea Water	Sampling from Marine Waters	TS ISO 5667-9
Sea Water	Determination of Pesticides (HCH, Dieldrin) Pretreatment: Solid Phase Extraction Pretreatment: Silica Gel Clean Up Measurement: GC-ECD Method	EPA 3535 A EPA 3630 C EPA 8081 B
Sea Water	Determination of Chromium (VI) Spectrophotometric Method	SM 3500-Cr B
Sea Water	Determination of Total Cyanide Pretreatment: Distillation Method Measurement: Spectrophotometric Method	SM 4500-CN C SM 4500-CN E
Sea Water	Determination of PAH (Polyaromatic Hydrocarbons) (Naphthalene, Acenaphthalene, Acenaphthane, Flourene, Phenanthrene, Anthrecene, Flouranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)flouranthene, Benzo(k)flouranthene, Benzo(a)pyrene, Dibenzo(a,h)anthrecene, Benzo(g,h,i)perylene, Indeno(1,2,3-c-d)pyrene) Pretreatment: Solid Phase Extraction Pretreatment: Silica Gel Clean Up Measurement: GC-MS Method	EPA 3535 A EPA 3630 C EPA 8270 E
Sea Water	Determination of Arsenic (As), Cadmium (Cd), Chromium (Cr), Copper (Cu), Nickel (Ni), Lead (Pb), Zinc (Zn) Pretreatment: Acid Extraction Pretreatment: Nitric Acid Extraction Pretreatment: Hydrochloric Acid Extraction Measurement: ICP-OES Method	SM 3030 E SM 3120 B

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Sea Water	Determination of Ammonium / Ammonium Nitrogen Pretreatment: Distilation Method Measurement: Spectrophotometric Method	SM 4500-NH_3 B SM 4500-NH_3 F
Sea Water	Determination of Hydrocarbon Oil Index (C10-C40) Pretreatment: Solvent Extraction Pretreatment: Micro Separator Pretreatment: Florisil Clean Up GC-FID Method	TS EN ISO 9377-2
Sea Water	Color Determination Spectrophotometric Method	SM 2120 C
Sea Water	Determination of Total Phosphorus Pretreatment: Extraction Method Measurement: Spectrophotometric Method	SM 4500-P B SM 4500-P E
Sea Water	Determination of Dissolved Oxygen Electrochemical Probe Method	TS EN ISO 5814
Sea Water	Determination of Chlorophyll-a Spectrophotometric Method	SM 10150 B
Sea Water	Determination of Turbidity Nephelometric Method	SM 2130 B
Sea Water	Determination of pH Electrometric Method	SM 4500 H^+ B
Sea Water	Determination of Salinity Electrical Conductivity Method	SM 2520 B
Sea Water	Determination of Temperature Laboratory and Field Method	SM 2550 B
Sea Water	Determination of Total Organic Carbon / Dissolved Organic Carbon High Temperature Combustion Method	SM 5310 B
Sea Water	Determination of Total Kjeldahl Nitrogen (TKN) Macro Kjeldahl Method	SM 4500-N_{org} B
Sea Water	Determination of Total Suspended Solids (SS) Gravimetric Method	SM 2540 D

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Sea Water	Determination of Nitrite/Nitrite Nitrogen Spectrophotometric Method	SM 4500-NO_2^- B
Sea Water	Determination of Phenols Pretreatment: Distillation Method Measurement: Spectrophotometric Method	SM 5530 B SM 5530 D
Sea Water	Determination of Phenols HPLC/UV Method	In House Method KYTÇ 721-41, Rev:1 (Adapted from OSHA Method 32)
Sea water	Determination of Light Transmittance/Secchi Disc Depth Measurement: Disk Method	EPA 841-B-97-003
Sea Water	Determination of Oil and Grease Pretreatment: Soxhlet Extraction Method Measurement: Gravimetric Method	SM 5520 D
Sea Water	Determination of Chemical Oxygen Demand (COD) Open Reflux-Titrimetric Method	TS 2789-Annex A TS 2789
Sea Water	Determination of Degradable Organic Pollutants 5-Day BOD Test	SM 5210 B
Sea Water	Determination of Nitrate/Nitrate Nitrogen Spectrophotometric Method	SM 4500-NO_3^- E
Sea Water	Determination of Silica Spectrophotometric Method	In House Method KYTÇ 721-61, Rev:2 (Adapted from Methods of Sea Water Analysis Grosshoff K. Kremling K. Ehrhardt.M)
Sea Water	Determination of Dissolved Inorganic Phosphorus (Ortophosphate) Spectrophotometric Method	In House Method KYTÇ 721-62, Rev:2 (Adapted from Methods of Sea Water Analysis Grosshoff K. Kremling K. Ehrhardt.M)
Sea Water	Determination of Anionic Surfactants as MBAS Pretreatment: Separation with Sublation Apparatus Measurement: Spectrophotometric Method	SM 5540 B SM 5540 C

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Sea Water	Determination of Volatile Organic Compunds (VOC) (Chlorobenzene, Ethylbenzene, Vinyl chloride (Chloroethene), Chloroform (Trichloromethane), Benzene, 1,2-Dichloroethane, Trichloroethene, Bromodichloromethane, Tetrachloroethene, Dibromochloromethane, Bromoform (Tribromomethane), Allylchloride (Epichloridine), 1,1-Dichloroethane, trans-1,2-Dichloroethene, Methyl acrylate, Bromochloromethane, 1,1,1-Trichloroethane, 1-Chlorobutane, 1,1-Dichloropropene, 1,2-Dichloropropane, Methyl methacrylate, Dibromomethane, cis-1,3-Dichloropropene, 4-Methyl-2-pentanone, 1,1-Dichloropropanone-2, Toluene, trans-1,3-Dichloropropene, Ethyl methacrylate, 1,1,2-Trichloroethane, 1,3-Dichloropropane, 2-Hexanone, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane, m+p-Xylene, o-Xylene, Styrene, Isopropylbenzene, 1,1,2,2-Tetrachloroethane, Bromobenzene, trans-1,4-Dichloro-2-butene, 1,2,3-Trichloropropane, n-Propylbenzene, 2-Chlorotoluene, 1,3,5-Trimethylbenzene, 1,2,4-Trimethylbenzene, 4-Chlorotoluene, tert-Butyl benzene, p-Isopropyl toluene, Pentachloroethane, sec-Butyl benzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, n-Butyl benzene, 1,2-Dichlorobenzene, Carbon tetrachloride, Hexachloroethane, 1,2-Dibromo-3-chloropropane, Nitrobenzene, 1,2,4-Trichlorobenzene, Hexachlorobutadiene, Naphthalene, 1,2,3-Trichlorobenzene) Pretreatment: Purge&Trap Measurement: GC-MS Method	EPA 5030 C EPA 8260 D
Sea Water	Determination of Tinned Organic Compounds (Monobutyltin, Dibutyltin, Tributyltin, Tetrabutyltin, Monooctyltin, Dioctyltin, Triphenyltin, Tricyclohexyltin) Pretreatment: Derivatization Method Pretreatment: Liquid/Liquid Extraction Method Pretreatment: Silica Gel/Alumina Clean Up Method Measurement: GC-MS Method	TS EN ISO 17353
Sea Water	Determinations of Phenols (4-Chloro-3-methylphenol, 2-Chlorophenol, 2,4-Dichlorophenol, 2,6-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrophenol, Dinoseb (2-sec-butyl-4,6-dinitrophenol), DNOC (2-Methyl-4,6-dinitrophenol), 2-Methylphenol (o-Cresol), 3&4 Methylphenol (m&p-Cresol), 4-Nitrophenol, Pentachlorophenol, Phenol, 2,3,4,6-Tetrachlorophenol, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2-Nitrophenol) Pretreatment: Solid Phase Extraction Method Pretreatment: Silica Gel Clean Up Method Measurement: GC-MS Method	EPA 3535 A EPA 3630 C EPA 8270 E
Sea Water	Enumeration of Coliform Bacteria MPN Technique	SM 9221 B
Sea Water	Enumeration of Fecal Coliform MPN Technique	SM 9221 E
Sea Water	Enumeration of Coliform Bacteria Membrane Filtration Technique	SM 9222 B
Sea Water	Colony Count (22ºC)	TS EN ISO 6222
Sea Water	Enumeration of Fecal Enterococci MPN Technique	SM 9230 B

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Sea Water	Enumeration of *Escherichia coli* Membrane Filtration Technique	SM 9222 H
Sea Water	Enumeration of Fecal Enterococci Membrane Filtration Technique	TS EN ISO 7899-2
Sea Water	Detection *of Salmonella* spp.	TS EN ISO 19250
Sea Water	Colony Count (37 º C)	TS EN ISO 6222
Sea Water	Enumeration of *Pseudomonas aeruginosa* Membrane Filtration Technique	TS EN ISO 16266
Waste	Sampling from solid waste	TS 12090
Waste	Total Organic Carbon Walkley Black Method	In House Method KYTT 721-4 Rev:2 (Adapted from TS 8336)
Waste	Determination of BTEX (Benzene, Toluene, Ethyl Benzene, Xylene) Pretreatment: Headspace Measurement: GC-MS Method	EPA 5021 A EPA 8260 D
Waste	Determination of Hydrocarbons in the Range of C10-C40 Pretreatment: Sample Preparation Pretreatment: Extraction Pretreatment: Florisil Clean Up Measurement: GC-FID Method	TS ISO 14507 TS EN 14039 TS EN ISO 167403
Waste	Determination of Loss on Ignition of Dry Mass Gravimetric Method	ASTM D 7348 TS EN 15935
Waste	Determination of Dry Matter (%) Content / Moisture (%) Gravimetric Method	TS 9546 EN 12880
Waste	Determination of Phenol Index Pretreatment: Solid Waste Extraction Pretreatment: Distillation Method Measurement: Spectrophotometric Method	TS EN 12457-4 SM 5530 B SM 5530 D
Waste	Determination of Dissolved Organic Carbon Pretreatment: Solid Waste Extraction Measurement: High Temperature Combustion Method	TS EN 12457-4 SM 5310 B
Waste	Determination of Copper (Cu), Cadmium (Cd), Lead (Pb), Arsenic (As), Molybdenum (Mo), Nickel (Ni), Antimony (Sb), Selenium (Se), Chromium (Cr), Barium (Ba) Pretreatment: Solid Waste Extraction Pretreatment: Microwave Digestion Pretreatment: Filtration Measurement: ICP-OES Method	TS EN 12457-4 SM 3030 K SM 3120 B

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Waste	Determination of Fluoride, Chloride, Sulfate Pretreatment: Solid Waste Extraction Measurement: IC Method	TS EN 12457-4 SM 4110 B
Waste	Determination of pH Pretreatment: Solid Waste Extraction Measurement: Electrometric Method	TS EN 12457-4 SM 4500 H B
Waste	Total Dissolved Solids Pretreatment: Solid Waste Extraction Measurement: Gravimetric Method	TS EN 12457-4 SM 2540 C
Waste	Determination of Conductivity Pretreatment: Solid Extraction Method Measurement: Laboratory Method	TS EN 12457-4 SM 2510 B
Waste	Determination of Polychlorinated Biphenyls (PCBs) (18, 28, 31, 44, 52, 101, 118, 138, 149, 153, 170, 180, 194) Pretreatment: PFE Pretreatment: Sulfur Clean Up Measurement: GC-ECD Method	EPA 3545 A EPA 3660 B EPA 3630 C EPA 8082 A TS EN 17322
Waste	Determination of Mercury (Hg) Pretreatment: Solid Waste Extraction Pretreatment: Microwave Digestion Pretreatment: Filtration Measurement: ICP-OES Method	TS EN 12457-4 EPA 200.7 SM 3030 K
Soil	Sampling, Transport and Storage of Surface Soil	TS ISO 18400-104 TS ISO 18400-202 TS ISO 18400-205
Soil	Determination of Polychlorinated Biphenyls (PCBs) (18, 28, 31, 44, 52, 101, 118, 138, 149, 153, 170, 180, 194) Pretreatment: PFE Pretreatment: Sulfur Clean Up Pretreatment: Silica Gel Clean Up Measurement: GC-ECD Method	EPA 3545 A EPA 3630 C EPA 3660 B EPA 8082 A TS EN 17322
	Determination of Dry Matter Content / Moisture Gravimetric Method	TS ISO 11465 TS ISO 11465/Cor.1
Soil	Determination of BTEX (Benzene, Toluene, Ethyl Benzene, Xylene) Pretreatment: Headspace Measurement: GC-MS Method	EPA 5021 A EPA 8260 D
Soil	Determination of Adsorbable Organically Bound Halogens (AOX) Microcoulometric Method	In House Method KYTÇ 721-74 Rev: 2 (Adapted from DIN 38414 Chapter 18)
Soil	Determination of Total Organic Halogens (TOX) Microcoulometric Method	EPA 1649

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Website : https://duzennorwest.com.tr

Soil	Determination of PAH (Polyaromatic Hydrocarbons) (Naphthalene, Acenaphthalene, Acenaphthane, Flourene, Phenanthrene, Anthrecene, Flouranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)flouranthene, Benzo(k)flouranthene, Benzo(a)pyrene, Dibenzo(a,h)anthrecene, Benzo(g,h,i)perylene, Indeno(1,2,3-c-d)pyrene) Pretreatment: PFE Pretreatment: Silica Gel Clean Up Measurement: GC-MS Method	EPA 3545 A EPA 3630 C EPA 8270 E
Soil	Determination of Hydrocarbons in the Range of C10-C40 Pretreatment: Sample Preparation Pretreatment: Extraction Pretreatment: Florisil Clean Up Measurement: GC-FID Method	TS ISO 14507 TS EN 14039 TS EN ISO 16703
Soil	Determination of Oil-Grease Pretreatment: Soxhlet Extraction Measurement: Gravimetric Method	EPA 9071 B
Soil	Determination of Loss on Ignition (550 ± 25)^{oC} Gravimetric Method	ASTM D 7348 TS EN 15935
Soil	Determination of pH Electrometric Method	TS ISO 10390
Soil	Determination of Sodium (Na), Potassium (K), Calcium (Ca), Magnesium (Mg), Aluminium (Al), Copper (Cu), Iron (Fe), Barium (Ba), Zinc (Zn), Cadmium (Cd), Tin (Sn), Chromium (Cr), Lead (Pb), Arsenic (As), Molybdenum (Mo), Cobalt (Co), Nickel (Ni), Lithium (Li), Manganese (Mn), Beryllium (Be), Antimony (Sb), Strontium (Sr), Vanadium (V), Titanium (Ti), Boron (B), Phosphorus (P), Thallium (Tl), Selenium (Se) Pretreatment: Microwave Digestion Measurement: ICP-OES Method	EPA 3051 A EPA 6010 D TS EN 13650
Soil	Determination of Phenols (4-Chloro-3-methylphenol, 2-Chlorophenol, 2,4-Dichlorophenol, 2,6-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrophenol, Dinoseb (2-sec-butyl-4,6-dinitrophenol), DNOC (2-Methyl-4,6-dinitrophenol), 2-Methylphenol (o-Cresol), 3&4 Methylphenol (m&p-Cresol), 4-Nitrophenol, Pentachlorophenol, Phenol, 2,3,4,6-Tetrachlorophenol, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2-Nitrophenol) Pretreatment: PFE Pretreatment: Silica Gel Clean Up Measurement: GC-MS Method	EPA 3545 A EPA 3630 C EPA 8270 E
Soil	Determination of Pesticides (1,3,5-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene, Pentachlorobenzene, Hexachlorobenzene, Pentachloronitrobenzene, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Heptachlor, Aldrin, Isodrin, Heptachlorepoxide, Trans chlordane, Endosulfan I, Dieldrin, 4,4'-DDE, Endosulfan II, 4,4'-DDD, 2,4'-DDT, Endrin, Endrin Aldehyde, Endosulfan sulfate, 4,4'-DDT, Dichlorvos) Pretreatment: Ultrasonic Extraction Pretreatment: Sulfur Clean Up Pretreatment: Silica Gel Clean Up Measurement: GC-ECD Method	EPA 3550 C EPA 3630 C EPA 3660 B EPA 8081 B EPA 8121
Soil	Determination of Mercury (Hg) Pretreatment: Microwave Digestion Measurement: ICP-OES Method	EPA 3051 A EPA 6010 D

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DÜZEN-NORWEST ÇEVRE GIDA VE VETERİNER SAĞLIK HİZMETLERİ EĞİTİM DANIŞMANLIK TİCARET ANONİM ŞİRKETİ

Accreditation Nr : AB-0375-T
Revision Nr: 22 Date: 14.07.2026

Testing Laboratory

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Sewage Sludge	Determination of Polychlorinated Biphenyls (PCBs) (18, 28, 31, 44, 52, 101, 118, 138, 149, 153, 170, 180, 194) Pretreatment: PFE Pretreatment: Sulfur Clean Up Pretreatment: Silica Gel Clean Up Measurement: GC-ECD Method	TS EN 17322 EPA 3545 A EPA 3660 B EPA 3630 C EPA 8082 A
Sewage Sludge	Determination of Dry Matter Content (%) / Moisture (%) Gravimetric Method	TS 9546 EN 12880
Soil	Determination of Total Salts	TS 8334
Sewage Sludge	Determination of BTEX (Benzene, Toluene, Ethyl Benzene, Xylene) Pretreatment: Headspace Measurement: GC-MS Method	EPA 5021 A EPA 8260 D
Sewage Sludge	Determination of Adsorbable Organically Bound Halogens (AOX) Microcoulometric Method	In House Method KYTÇ 721-74 Rev:2 (Adapted from DIN 38414 Chapter 18)
Sewage Sludge	Determination of Total Organic Halogens (TOX) Microcoulometric Method	EPA 1649
Sewage Sludge	Determination of PAH (Polyaromatic Hydrocarbons) (Naphthalene, Acenaphthalene, Acenaphthane, Flourene, Phenanthrene, Anthrecene, Flouranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)flouranthene, Benzo(k)flouranthene, Benzo(a)pyrene, Dibenzo(a,h)anthrecene, Benzo(g,h,i)perylene, Indeno(1,2,3-c-d)pyrene) Pretreatment: PFE Pretreatment: Silica Gel Clean Up Measurement: GC-MS Method	EPA 3545 A EPA 3630 C EPA 8270 E
Sewage Sludge	Determination of Hydrocarbons in the Range of C10-C40 Pretreatment: Sample Preparation Pretreatment: Extraction Pretreatment: Florisil Clean Up Measurement: GC-FID Method	TS ISO 14507 TS EN 14039 TS EN ISO 16703
Sewage Sludge	Sampling of Sludge from Sewage and Water Treatment Plants	TS EN ISO 5667-13
Sewage Sludge	Determination of Sodium (Na), Potassium (K), Calcium (Ca), Magnesium (Mg), Aluminium (Al), Copper (Cu), Iron (Fe), Barium (Ba), Zinc (Zn), Cadmium (Cd), Tin (Sn), Chromium (Cr), Lead (Pb), Arsenic (As), Molybdenum (Mo), Cobalt (Co), Nickel (Ni), Lithium (Li), Manganese (Mn), Beryllium (Be), Antimony (Sb), Strontium (Sr), Vanadium (V), Titanium (Ti), Boron (B), Phosphorus (P), Thallium (Tl), Selenium (Se) Pretreatment: Microwave Digestion Measurement: ICP-OES Method	EPA 3051 A EPA 6010 D TS EN 13650
Sewage Sludge	Determination of Phenols (4-Chloro-3-methylphenol, 2-Chlorophenol, 2,4-Dichlorophenol, 2,6-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrophenol, Dinoseb (2-sec-butyl-4,6-dinitrophenol), DNOC (2-Methyl-4,6-dinitrophenol), 2-Methylphenol (o-Cresol), 3&4 Methylphenol (m&p-Cresol), 4-Nitrophenol, Pentachlorophenol, Phenol, 2,3,4,6-Tetrachlorophenol, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2-Nitrophenol) Pretreatment: PFE Pretreatment: Silica Gel Clean Up Measurement: GC-MS Method	EPA 3545 A EPA 3630 C EPA 8270 E

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DÜZEN-NORWEST ÇEVRE GIDA VE VETERİNER SAĞLIK HİZMETLERİ EĞİTİM DANIŞMANLIK TİCARET ANONİM ŞİRKETİ

Accreditation Nr : AB-0375-T
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Sewage Sludge	Determination of Pesticides (1,3,5-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene, Pentachlorobenzene, Hexachlorobenzene, Pentachloronitrobenzene, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Heptachlor, Aldrin, Isodrin, Heptachlorepoxide, Trans chlordane, Endosulfan I, Dieldrin, 4,4'-DDE, Endosulfan II, 4,4'-DDD, 2,4'-DDT, Endrin, Endrin Aldehyde, Endosulfan sulfate, 4,4'-DDT, Dichlorvos) Pretreatment: Ultrasonic Extraction Pretreatment: Sulfur Clean Up Pretreatment: Silica Gel Clean Up Measurement: GC-ECD Method	EPA 3550 C EPA 3630 C EPA 3660 B EPA 8081 B EPA 8121
Sewage Sludge	Determination of Mercury (Hg) Pretreatment: Microwave Digestion Measurement: ICP-OES Method	EPA 3051 A EPA 6010 D
Sewage Sludge	Enumeration of *Escherichia coli* MPN Technique	SM 9221 A, F
Sediment	Sampling from Bottom Sediments	TS ISO 5667-12
Sediment	Determination of Polychlorinated Biphenyls (PCBs) (18, 28, 31, 44, 52, 101, 118, 138, 149, 153, 170, 180, 194) Pretreatment: PFE Pretreatment: Sulfur Clean Up Pretreatment: Silica Gel Clean Up Measurement: GC-ECD Method	TS EN 17322 EPA 3545 A EPA 3660 B EPA 3630 C EPA 8082 A
Sediment	Determination of Dry Matter Content (%) / Moisture (%) Gravimetric Method	SM 2540 G
Sediment	Determination of Adsorbable Organically Bound Halogens (AOX) Microcoulometric Method	In House Method KYTÇ 721-74 Rev: 2 (Adapted from DIN 38414 Chapter 18)
Sediment	Determination of BTEX (Benzene, Toluene, Ethyl Benzene, Xylene) Pretreatment: Headspace Measurement: GC-MS Method	EPA 5021 A EPA 8260 D
Sewage Sludge	Determination of Oil and Grease Pretreatment: Soxhlet Extraction Measurement: Gravimetric Method	EPA 9071 B
Sediment	Determination of Total Organic Halogens (TOX) Microcoulometric Method	EPA 1649
Sediment	Determination of PAH (Polyaromatic Hydrocarbons) (Naphthalene, Acenaphthalene, Acenaphthane, Flourene, Phenanthrene, Anthrecene, Flouranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)flouranthene, Benzo(k)flouranthene, Benzo(a) pyrene, Dibenzo(a,h)anthrecene, Benzo(g,h,i)perylene, Indeno(1,2,3-c-d)pyrene) Pretreatment: PFE Pretreatment: Silica Gel Clean Up Measurement: GC-MS Method	EPA 3545 A EPA 3630 C EPA 8270 E
Sewage Sludge	Determination of the Loss on Ignition of Dry Matter Gravimetric Method	ASTM D 7348 TS EN 15935

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Accreditation Nr : AB-0375-T
Revision Nr: 22 Date: 14.07.2026

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Sediment	Determination of Hydrocarbons in the Range of C10-C40 Pretreatment: Sample Preparation Pretreatment: Extraction Pretreatment: Florisil Clean Up Measurement: GC-FID Method	TS ISO 14507 TS EN 14039 TS EN ISO 16703
Sediment	Determination of Loss on Ignition of Dry Matter Gravimetric Method	ASTM D 7348 TS EN 15935
Sediment	Determination of Sodium (Na), Potassium (K), Calcium (Ca), Magnesium (Mg), Aluminium (Al), Copper (Cu), Iron (Fe), Barium (Ba), Zinc (Zn), Cadmium (Cd), Tin (Sn), Chromium (Cr), Lead (Pb), Arsenic (As), Molybdenum (Mo), Cobalt (Co), Nickel (Ni), Lithium (Li), Manganese (Mn), Beryllium (Be), Antimony (Sb), Strontium (Sr), Vanadium (V), Titanium (Ti), Boron (B), Phosphorus (P), Thallium (Tl), Selenium (Se) Pretreatment: Microwave Digestion Measurement: ICP-OES Method	EPA 3051 A EPA 6010 D TS EN 13650
Sediment	Determination of Phenols (4-Chloro-3-methylphenol, 2-Chlorophenol, 2,4-Dichlorophenol, 2,6-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrophenol, Dinoseb (2-sec-butyl-4,6-dinitrophenol), DNOC (2-Methyl-4,6-dinitrophenol), 2-Methylphenol (o-Cresol), 3&4 Methylphenol (m&p-Cresol), 4-Nitrophenol, Pentachlorophenol, Phenol, 2,3,4,6-Tetrachlorophenol, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2-Nitrophenol) Pretreatment: PFE Pretreatment: Silica Gel Clean Up Measurement: GC-MS Method	EPA 3545 A EPA 3630 C EPA 8270 E
Sediment	Determination of Pesticides (1,3,5-Trichlorobenzene, 1,2,4-Trichlorobenzene,1,2,3-Trichlorobenzene, Pentachlorobenzene, Hexachlorobenzene, Pentachloronitrobenzene, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Heptachlor, Aldrin, Isodrin, Heptachlorepoxide, Trans chlordane, Endosulfan I ,Dieldrin, 4,4'-DDE, Endosulfan II, 4,4'-DDD, 2,4'-DDT, Endrin Aldehyde, Endrin, Endosulfan sulfate, 4,4'-DDT, Dichlorvos) Pretreatment: Ultrasonic Extraction Pretreatment: Sulfur Clean Up Pretreatment: Silica Gel Clean Up Measurement: GC-ECD Method	EPA 3550 C EPA 3630 C EPA 3660 B EPA 8081 B EPA 8121
Sediment	Determination of Mercury (Hg) Pretreatment: Microwave Digestion Measurement: ICP-OES Method	EPA 3051 A EPA 6010 D
Stack Gas	Stationary Source Emissions — Determination of the mass concentration of Oxygen (O_2) Measurement: Electrochemical Sensor Method	TS ISO 12039 *
Stack Gas	Stationary Source Emissions — Determination of the mass concentration of Carbon Monoxide (CO) and Carbon Dioxide (CO_2) Measurement: Electrochemical Sensor Method	TS ISO 12039 *
Sewage Sludge	Determination of Total Salts	TS 8334
Stack Gas	Stationary Source Emissions — Determination of the mass concentration of Sulfur dioxide (SO_2) Measurement: Electrochemical Sensor Method	TS ISO 7935 *
Stack Gas	Stationary Source Emissions-Determination of Nitrogen Monoxide (NO), Nitrogen Dioxide (N_2) and Nitrogen Oxide ($_x$) Emissions Electrochemical Cell Method	EPA CTM 022 *

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Accreditation Scope

DÜZEN-NORWEST ÇEVRE GIDA VE VETERİNER SAĞLIK HİZMETLERİ EĞİTİM DANIŞMANLIK TİCARET ANONİM ŞİRKETİ

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Stack Gas	Stationary Source Emissions-Test Method for Smoke Density in Flue Gases from Burning Distillate Fuels Bacharach Method	TS 9503 *
Stack Gas	Stationary Source Emissions-Determination of Mass Concentration of Particulate Matter (20-1000 mg/m^3) Gravimetric Method	TS ISO 9096
Stack Gas	Stationary Source Emissions-Determination of Low Range Mass Concentration of Dust (5-50 mg / m ^{3}) Gravimetric Method	TS EN 13284-1
Stack Gas	Stationary Source Emissionss-Determination of Moisture Content in Stack Gases Measurement: Volumetric Method Measurement: Gravimetric Method	EPA Method 4
Stack Gas	Stationary Source Emissions-Measurement of Velocity and Volume Flowrate of Gas Streams in Ducts Measurement: L Type Pitot Tube Measurement: S Type Pitot Tube	TS ISO 10780 *
Stack Gas	Stationary Source Emissions-Determination of Moisture Content with Moisture Meter Probe (≤180 ^{o}C for Stack Temperature)	In House Method (KYTE 721-10.02)*
Stack Gas	Stationary Source Emissions - Age-Dry Thermometer Method with Moisture Content Determination (≤100 ^{o}C for Stack Temperature)	In House Method (KYTE 721-10.02)*
Sediment	Determination of Oil and Grease Pretreatment: Soxhlet Extraction Measurement: Gravimetric Method	EPA 9071 B
Imission (Ambient Air)	Determination of the PM10 Mass Concentration of Suspended Particulate Matter Gravimetric Method	TS EN 12341
Imission(Ambient Air)	Determination of Settled Particulate Matter Gravimetric Method	TS 2341
Stack Gas	Stationary Source Emissions-Determination of Particulate Matter Emissions From Stationary Sources- In Stack Sampling Gravimetric Method	EPA Method 17
Stack Gas	Stationary Source Emissions- Determination of Particulate Matter Emissions from Stationary Sources by Outside Stack Sampling Gravimetric Method	EPA Method 5
Water	Detection of *Legionella*	In House Method KYTM 721-310 REV: 2 (Adapted from ISO 11731)
Water	Determination of Oil and Grease Pretreatment: Solvent Extraction Method Analysis: Gravimetric Method	TS 7887
Waste Water	Determination of Oil and Grease Preliminary: Solvent Extraction Method Measurement: Gravimetric Method	TS 7887

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Accreditation Scope

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Sea Water	Determination of Oil and Grease Pretreatment: Solvent Extraction Method Measurement: Gravimetric Method	TS 7887
Water	Determination of Chemical Oxygen Demand (COD) Open Reflux-Titrimetric Method	TS 2789-Annex A
Waste Water	Determination of Chemical Oxygen Demand (COD) Open Reflux-Titrimetric Method	TS 2789-Annex A
Water	Enumeration of *Escherichia coli* MPN technique	SM 9221 F
Waste Water	Enumeration of *Escherichia coli* MPN technique	SM 9221 F
Sea Water	Enumeration of *Escherichia coli* MPN technique	SM 9221 F
Water	Enumeration of Fecal Coliform Membrane Filtration Technique	SM 9222 D
Waste Water	Enumeration of Fecal Coliform Membrane Filtration Technique	SM 9222 D
Sea Water	Enumeration of Fecal Coliform Membrane Filtration Technique	SM 9222 D
Sewage Sludge	pH Determination Electrometric Method	TS ISO 10390
Sediment	pH Determination Electrometric Method	TS ISO 10390
*in customer's site, temporary or in mobile facilities		

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Accreditation Nr : AB-0375-T
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Chemicals and Chemical Products

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Fertilizers	Determination of Moisture Gravimetric Method	Regulation on Market Surveillance and Inspection of Fertilizers Used in Agriculture - Annex-2 Method: 15.8 EN 12048 AOAC 950.01 TS 2832
Fertilizers	Determination of Boron (B), Copper (Cu), Iron (Fe), Zinc (Zn), Calcium (Ca), Cobalt (Co), Sulfur (S), Magnesium (Mg), Manganese (Mn), Molybdenum (Mo), Potassium (K), Sodium (Na) Pretreatment: Extraction with Water Measurement: ICP-OES Method	Regulation on Market Surveillance and Inspection of Fertilizers Used in Agriculture, Annex-2 Method: 8.3 - 9.2 - 10.2 - 10.3 EPA 6010 D
Fertilizers	Determination of Ammonia Nitrogen Pretreatment: Distillation (Kjeldahl Method) Measurement: Titrimetric Method	In House Method KYTT 721-8 (Rev No:02) (Modified from TS EN 15475) Regulation on Market Surveillance and Inspection of Fertilizers Used in Agriculture - Annex-2 Method: 2.1
Fertilizers	Determination of Extracted Phosphorus (water soluble) Pretreatment: Water Extraction Measurement: Gravimetric Method with Quinoline Phosphomolybdate	TS EN 15958 TS EN 15959 Regulation on Market Surveillance and Inspection of Fertilizers Used in Agriculture, Annex-3 Method: 3.1.6 and Method: 3.2
Fertilizers	Extracted Phosphorus (Soluble in Mineral Acids) Determination Pretreatment: Extraction With Mineral Acids Determination: Gravimetric Method with Quinoline Phosphomolybdate	TS EN 15956 TS EN 15959 (Market Surveillance and Control of Fertilizers Regulation, Annex-2 Method 3.1.1 and 3.2)
Fertilizers	Determination of Extracted Phosphorus (soluble in neutral ammonium citrate solution) Pretreatment Extraction with neutral ammonium citrate Determination: Gravimetric Method with Quinoline Phosphomolybdate	TS EN 15957 TS EN 15959 (Regulation on Market Surveillance and Inspection of Fertilizers Used in Agriculture Annex-3 Method: 3.1.4 and 3.2)
Fertilizers	Determination of Ammonia+Nitrate Nitrogen Devarda Method Pretreatment: Distillation (Kjeldahl Method) Measurement: Titrimetric Method	Regulation on Market Surveillance and Inspection of Fertilizers Used in Agriculture-Annex-2 Method:2.2.3 In House Method KYTT 721-7 (Rev No:03) (Market Surveillance and Inspection Regulation for Fertilizers Used in Agriculture - Annex-2 Method: 2.2.3 Modified from TS 2832, AOAC 892.01, TS EN 15476.)
Fertilizers	Determination of Total Nitrogen (N) Pretreatment: Boiling with Sulfuric Acid (Kjeldahl Method)	In House Method KYTT 721-20 (Rev No:02) (Market Surveillance and Inspection Regulation for Fertilizers Used in Agriculture - Annex-2 Method: 2.3.3 Modified from TS 2832, AOAC 978.02, TS EN 15478.)
Organic / organomineral fertilizers	Determination of organic and ammonia nitrogen	In House Method KYTT 721-12 (Modified from AOAC 955.04)

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Organic, Organomineral Fertilizers	Determination of Organic Nitrogen Calculation Method	Regulation on Market Surveillance and Inspection of Fertilizers Used in Agriculture-Annex-2 Method: 2.1 TS EN 15475 AOAC 955.04 In House Method KYTT 721-12
Fertilizers	Determination of Total Copper (Cu), Iron (Fe), Zinc (Zn), Cadmium (Cd), Chromium (Cr), Arsenic (As), Lead (Pb), Strontium (Sr), Boron (B), Nickel (Ni), Potassium (K), Aluminium (Al), Calcium (Ca), Magnesium (Mg), Sodium (Na), Molybdenum (Mo), Manganese (Mn), Cobalt (Co), Antimony (Sb), Tin (Sn) Pretreatment: Microwave Digestion Measurement: ICP-OES Method	EPA 3051 A EPA 6010 D Regulation on Market Surveillance and Inspection of Fertilizers Used in Agriculture- Annex 2 Method: 9.1 - 10.1 - 13 AOAC 2006.03
Organic/ Organomineral Fertilizers Organic/Secondary and/or Trace Element Enriched Organomineral Fertilizer	Determination of Loss on Ignition of Dry Mass / Determination of Organic Matter Pretreatment: Dry Burning at 550 °C Determination: Gravimetric Method	In-house Method KYTT 721-19 (Rev No:02) (Modified from Annex-19 of the Regulation on Organic, Mineral and Microbial Fertilizers Used in Agriculture ASTM D 7348, TS EN 12879.)
Organic / Organomineral Fertilizers	Total Organic Carbon Determination	In House Method KYTT 721-4 (Rev No:03) (Modified from the Walkley Black Method TS 8336, Annex-19 of the Regulation on Organic, Mineral and Microbial Fertilizers Used in Agriculture.)

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Food and Feed Products

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Vegetable Oil	Determination of Free Fatty Acids Titrimetric Method	AOAC 940.28
Vegetable Oil	Determination of Peroxide Titrimetric Method	AOAC 965.33
Vegetable Oil	Determination of Fatty Acids Composition (% m/m Methyl Esters) (Caproic Acid(C6:0), Caprylic Acid(C8:0), Capric Acid (C10:0), Undecanoic Acid(C11:0), Lauric Acid(C12:0), Myristic Acid (C14:0), Palmitic Acid (C16:0), Palmitoleic Acid (C16:1), Heptadecanoic Acid (C17:0), Heptadecenoic Acid (C17:1), Stearic Acid (C18:0), Oleic Acid (C18:1n9c), Linoleic Acid (C18:2n6c), Linolenic Acid (C18:3n3), Arachidic Acid (C20:0), Gadoleic Acid (C20:1), Eicosadienoic Acid (C20:2), Behenic Acid (C22:0), Erucic Acid (C22:1), Docosadienoic Acid (C22:2), Lignoceric Acid (C24:0), Nervonic Acid (C24:1n9)) GC-FID Method	EEC 2568/91 (Annex X A and X B)
Vegetable Oil	Determination of Trans Unsaturated Fatty Acids (C18:1 T, C18:2 T + C18:3 T) GC-FID Method	COI/T.20/Doc. No 33 EEC 2568/91 (Annex X A and X B)
Vegetable Oil	Determination of Stigmastadiene Content GC-FID Method	COI/T.20/Doc. No: 11
Olive Oil	Determination of the Composition and Content of Sterol (Cholesterol, Brassicasterol, Campesterol, Campestanol, Stigmasterol, Delta-5,23-Stigmastadienol, Clerosterol, Beta-sitosterol, Sitostanol, Delta-5-Avenasterol, Delta-5,24-Stigmastadienol, Delta-7-Stigmastenol, Total Sterol) GC-FID Method	EEC 2568/91 (Annex V)
Olive Oil	Determination of Erythrodiol and Uvaol (In Total Sterols) Content GC-FID Method	EEC 2568/91 (Annex VI)
Olive Oil	Determination of Ultraviolet Absorbance Expressed As Specific UV Extinction Spectrophotometric Method	EEC 2568/91 (Annex IX) EEC 299/2013
Olive Oil	Determination of α-Tocopherols HPLC-FLD Method	AOCS Ce 8-89
Olive oil	Determination of the Percentage of Palmitic Acid at the 2-position of the Triglycerides by Means of 2-glyceryl Monopalmitate GC-FID Method	COI/T.20/Doc.No.23
Olive Oil	Fatty Acid Ethyl Esters (FAEE) GC-FID Method	COI/T.20/ Doc No: 28
Milk	Determination of Protein Kjeldahl Method	AOAC 991.20
Cheese	Determination of Dry Matter	TS EN ISO 5534
Cheese	Determination of Total Chloride Volhard Method	AOAC 935.43

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DÜZEN-NORWEST ÇEVRE GIDA VE VETERİNER SAĞLIK HİZMETLERİ EĞİTİM DANIŞMANLIK TİCARET ANONİM ŞİRKETİ

Accreditation Nr : AB-0375-T
Revision Nr: 22 Date: 14.07.2026

Honey and Grape Molasses	Determination of HMF HPLC-UV Method	IHC Chapter 5.1
Cereals and Cereals Products (Corn and Legumes not included)	Determination of Moisture and Dry Matter	TS EN ISO 712
Cereals and Cereals Products (Starch and Starch Products not included)	Determination of Ash Content	TS EN ISO 2171
Ayran	Determination of Salt Content Volhard Method	AOAC 935.43
Dairy Products, Fruit and Vegetable Products	Determination of Titratable Acidity	TS 1330, TS 591, TS 1018, TS 1125 ISO 750
Food	Detection of *Salmonella* spp.	TS EN ISO 6579-1
Food	Detection of *Salmonella* spp.	AOAC 2013.01 bioMérieux VIDAS UP SPT
Food	Aerobic Colony Count Pour Plate Technique	TS EN ISO 4833-1
Food	Detection of Staphylococcal Enterotoxins	bioMérieux VIDAS SET 2 30705
Food	Enumeration of *Escherichia coli* Colony Count Technique	TS ISO 16649-2
Food	Enumeration of Coliform Bacteria Colony Count Technique	TS ISO 4832
Food	Enumeration of Coagulase Positive Staphylococci (*Staphylococcus aureus* and other species) Colony Count Technique	TS EN ISO 6888-1
Food	Enumeration of *Bacillus cereus* Colony Count Technique	TS EN ISO 7932
Food	Detection of *Listeria monocytogenes*	AOAC 2013.11 bioMérieux VIDAS LMX
Food	Enumeration of Yeasts and Molds Colony Count Technique	TS ISO 21527-1 TS ISO 21527-2

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