



TURKISH ACCREDITATION AGENCY

ACCREDITATION CERTIFICATE

As a Testing Laboratory,

AZECOLAB TESTING LABORATORY

Salyan highway 32, Sabail District, street 5 1143 BAKÜ /
AZERBAIJAN

is **accredited** in accordance with TS EN ISO/IEC 17025:2012 standard within the scope given in Annex following the assessment conducted by **TURKAK**.

Accreditation Number : AB-0469-T

Accreditation Date : 21 October 2011

Revision Date / Number : 26 September 2018 / 06

This certificate shall remain in force until **16 February 2020**, subject to continuing compliance with the standard **TS EN ISO/IEC 17025:2012**, related regulations and requirements.




Kadir Kayıhan CABIOĞLU
Deputy 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.

Akreditasyon Sertifikası Eki (Sayfa 1/32)

Akreditasyon Kapsamı


 Test TS EN ISO IEC 17025 AB-0469-T	AZECOLAB TESTING LABORATORY	
	Akreditasyon No: AB-0469-T Revizyon No: 06 Tarih: 26.09.2018	
Deney Laboratuvarı		
Adresi : Salyan highway 32, Sabail District, street 5 1143 BAKÜ/AZERBAYCAN	Tel : Tel: +99412 3100200/3100300 (+227) Faks : +994 12 310 0300 E-Posta : contact@azecolab.com Website : www.azecolab.com	

Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Water	Water sampling of drinking water from treatment works and piped distribution systems	ISO 5667-5
Water	Ground Water Sampling	ASTM D 4448-01
Water	Surface Water Sampling	EPA Field Sampling Guidance Document 1225
Water	Deep Water Sampling	EPA Field Sampling Guidance Document 1225
Water	Water Sampling for Microbiological Analysis	SM 9060
Water	Determination of Temperature Laboratory and Field Method	EPA 170.1
Water	Determination of pH Value Electrometric Method	ASTM D 1293
Water	Determination of Conductivity Electrode Method	EPA 120.1
Water	Determination of Dissolved Oxygen Luminescent Method	ASTM D888
Water	Determination of Turbidity Nephelometric Method	EPA 180.1
Water	Determination of Anions (Sulphate, Chloride, Nitrate, Nitrite, Fluoride, Bromide) Ion Chromatography Method	ASTM D 4327
Water	Determination of Total Dissolved Solids (TDS) Gravimetric Method	EPA 160.1
Water	Determination of Total Chlorine Spectrometric Method	SM 4500-Cl G
Water	Determination of Color Spectrometric Method	SM 2120 C



Akreditasyon Sertifikası Eki (Sayfa 2/32)

Akreditasyon Kapsamı


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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Water	Determination of Alkalinity Titrimetric Method	SM 2320 B
Water	Determination of Hardness EDTA Titrimetric Method	SM 2340 C
Water	Determination of Chlorinated Pesticides (Aldrin, α -BCH, β -BCH, δ -BCH, γ -BCH, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I, Endosulfan II, Endrin, Endosulfan sulfate, Endrin aldehyde, Heptachlor, Heptachlor epoxide, Toxaphene) Preparation: Liquid-Liquid Extraction Analysis: GC/ECD Method	EPA 3510 C EPA 8081 B
Water	Determination of Poliklorlubifenils (PCBs) (5, 18, 31, 44, 52, 87 101, 110, 138, 141, 151, 153, 170, 180, 183, 187, 206) Preparation: Liquid-Liquid Extraction Analysis: GC/ECD Method	EPA 3510C EPA 8082 A
Water	Determination of Surfactant (MBAS) Spectrometric Method	SM 5540 C
Water	Determination of Total Suspended Solids (TSS) Gravimetric Method	EPA160.2
Water	Determination of Total Solids (TS) Gravimetric Method	EPA160.3
Water	Determination of Phenols Compounds Spectrometric Method	ASTM D1783 A
Water	Determination of Metals: Antimony(Sb), Cadmium(Cd), Calcium(Ca),Cobalt(Co), Copper(Cu), Iron(Fe), Lead(Pb), Magnesium(Mg), Manganese(Mn), Nickel(Ni), Potassium(K), Silver(Ag), Sodium(Na), Strontium(Sr), Thallium(Tl), Zinc(Zn) Preparation: Microwave Assisted Acid Digestion Analysis: Flame Atomic Absorption Spectrometric Method	EPA3015A EPA7000B



Akreditasyon Sertifikası Eki (Sayfa 3/32)

Akreditasyon Kapsamı


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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Water	Determination of Metals: Antimony(Sb), Arsenic(As), Barium(Ba), Beryllium(Be), Cadmium(Cd), Chromium(Cr), Cobalt(Co), Copper(Cu), Iron(Fe), Lead(Pb), Manganese(Mn), Molybdenum(Mo), Nickel(Ni), Selenium(Se), Silver(Ag), Thallium(Tl), Vanadium(V) Preparation: Microwave Assisted Acid Digestion Analysis: Graphite Furnace Atomic Absorption Spectrophotometry Method	EPA3015A EPA7010
Water	Determination of Mercury (Hg) Preparation: Microwave Assisted Acid Digestion Analysis: Cold Vapor Atomic Absorption Spectrometric Method	EPA3015A EPA245.1
Water	Determination of Metals: Aluminum(Al), Antimony(Sb), Arsenic(As), Barium(Ba), Beryllium(Be), Cadmium(Cd), Chromium(Cr), Cobalt(Co), Copper(Cu), Iron(Fe), Lead(Pb), Lithium(Li), Magnesium(Mg), Manganese(Mn), Molybdenum(Mo), Nickel(Ni), Potassium(K), Selenium(Se), Silver(Ag), Sodium(Na), Strontium(Sr), Seleniun(Se), Thallium(Tl), Tin(Sn), Vanadium(V), Zinc(Zn), Thorium(Th), Uranium(U), Boron (B) Preparation: Microwave Assisted Acid Digestion Analysis: ICP-MS Method	EPA3015A EPA6020B
Water	Determination of Total Oil and Grease (TOG) & Total Petroleum Hydrocarbons(TPH) Preparation: Liquid-Liquid Extraction Analysis: Infrared Method (HATR-T2)	In house Method SOP4211/Rev10 (InfraCal TOG/TPH Analyzer HATR-T2 User's Guide)



Akreditasyon Sertifikası Eki (Sayfa 4/32)

Akreditasyon Kapsamı


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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Water	Determination of Total Oil and Grease (TOG) and Non Polar Material Preparation: Liquid-Liquid Extraction Analysis: Gravimetric Method	EPA 1664 B
Water	Determination of Volatile Organic Compounds (VOC): Benzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, Dibromochloromethane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, Ethylbenzene, Hexachlorobutadiene, Methylene chloride, Naphthalene, Styrene, Trichloroethene, 1,1,1,2-Tetrachloroethane, Toluene, 1,1,1,2-Tetrachloroethane, Tetrachloroethene, 1,2,4-Trichlorobenzene, 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, Trichlorofluoromethane, 1,2,3-Trichloropropane, Vinyl chloride, o-Xylene, m-Xylene, p-Xylene Preparation: Headspace Method Analysis: GC/MS Method	EPA 8260 C EPA 5021 A
Water	Determination of Total Organic Carbon (TOC)/ Dissolved Organic Carbon (DOC) High-Temperature Combustion Method	SM 5310 B
Water	Determination of Biochemical Oxygen Demand (BOD) Respirometric Method	SM5210D
Water	Determination of Biochemical Oxygen Demand (BOD) 5-Day BOD Test	SM5210B



Akreditasyon Sertifikası Eki (Sayfa 5/32)

Akreditasyon Kapsamı

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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Water	Determination of Biochemical Oxygen Demand (BOD) Ultimate BOD Test	SM5210C
Water	Determination Permanganate Index Titrimetric Method	ISO 8467-1993
Water	Determination of Radionuclides Gamma Spectrometer Method	EPA 901.1
Water	Determination of Salinity Electrical Conductivity Method	SM 2520 B
Water	Determination of Phosphate/Phosphate Phosphorus Spectrometric method	ISO 6878
Water	Determination of Total Phosphorus Spectrometric method	ISO 6878
Water	Determination of Nitrite/Nitrite Nitrogen Spectrometric Method	SM 4500-NO ₂ B
Water	Determination of Nitrate/Nitrate Nitrogen Spectrometric Method	SM 4500-NO ₃ E
Water	Determination of Total Nitrogen Oxidation Method	SM 4500-N C
Water	Determination of Ammonium/Ammonium Nitrogen Spectrometric Method	SM 4500-NH ₃ F
Water	Determination of Silica Spectrometric Method	ASTM D859
Water	Determination of Total Petroleum Hydrocarbons(TPH) (C9-C18 Aliphatics, C19-C36 Aliphatics, C11-C22 Aromatics) Total All Fractions (C10-C40 TPH) Preparation1: Liquid-liquid extraction Preparation2: Silica Gel Clean-Up Analysis: GC/FID Method	EPA 3510C EPA 3630C MADEP-2004
Water	Determination of Free Cyanide Weak Acid Dissociable Method	ASTM D 2036-09 C



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Akreditasyon Sertifikası Eki (Sayfa 6/32)

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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Water	Determination of Total Cyanide Preparation. Distillation Analysis: Weak Acid Dissociable Method	ASTM D 2036-09 A ASTM D 2036-09 C
Water	Determination of Poly Aromatic, Hydrocarbons (PAH): Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)pyrene, Benzo(k)fluoranthene, Chrysene, Dibenzo(a,h)anthracene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene, Naphthalene, Phenanthrene, Pyrene Preparation1: Liquid-Liquid Extraction Preparation2:Silica Gel Clean-Up Analysis: GC-MS Method	EPA 3510 C EPA 3630 C EPA 8270 D
Water	Determination of Hexavalent Chromium Spectrometric Method	ASTMD1687 A
Water	Enumeration of Escherichia coli (E. coli) and Coliform Bacteria Membrane filtration technique	ISO 9308-1
Water	Enumeration of Escherichia coli (E. coli) and Coliform Bacteria Most probable number method	ISO 9308-2
Water	Determination of Total Plate Count Pour Plate technique	SM 9215 B
Water	Detection and Enumeration of Legionella	EN ISO 11731
Water	Detection and Enumeration of Fecal Entrococci Membrane filtration technique	SM 9230 C
Water	Detection and Enumeration of Fecal Entrococci Most probable number method	ASTM D6503-99
Water	Enumeration of Pseudomonas aeruginosa Membrane filtration technique	SM 9213 E
Waste water	Waste water Sampling	ISO 5667-10



Akreditasyon Sertifikası Eki (Sayfa 7/32)

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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Waste water	Determination of Temperature Laboratory and Field Method	EPA 170.1
Waste water	Determination of pH Value Electrometric Method	ASTM D1293
Waste water	Determination of Conductivity Electrode Method	EPA 120.1
Waste water	Determination of Dissolved Oxygen Luminescent Method	ASTM D888
Waste water	Determination of Turbidity Nephelometric Method	EPA 180.1
Waste water	Determination of Anions (Sulphate, Chloride, Nitrate, Nitrite, Fluoride, Bromide) Ion Chromatography Method	ASTM D 4327
Waste water	Determination of Total Dissolved Solids (TDS) Gravimetric Method	EPA 160.1
Waste water	Determination of Total Chlorine Spectrometric Method	SM 4500-Cl G
Waste water	Determination of Color Spectrometric Method	SM 2120 C
Waste Water	Determination of Chlorinated Pesticides Aldrin, α -BCH, β -BCH, δ -BCH, γ -BCH, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I, Endosulfan II, Endrin, Endosulfan sulfate, Endrin aldehyde, Heptachlor, Heptachlor epoxide, Toxaphene Preparation: Liquid-Liquid Extraction Analysis: GC/ECD Method	EPA 3510 C EPA 8081 B
Waste Water	Determination of Poliklorlubifenils (PCBs) (5, 18, 31, 44, 52, 87 101, 110, 138, 141, 151, 153, 170, 180, 183, 187, 206) Preparation: Liquid-Liquid Extraction Analysis: GC/ECD Method	EPA 3510C EPA 8082 A
Waste water	Determination of Surfactant (MBAS) Spectrometric Method	SM 5540 C



Akreditasyon Sertifikası Eki (Sayfa 8/32)

Akreditasyon Kapsamı


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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Waste water	Determination of Total Suspended Solids (TSS) Gravimetric Method	EPA160.2
Waste water	Determination of Total Solids (TS) Gravimetric Method	EPA160.3
Waste water	Determination of Chemical Oxygen Demand (COD) Closed Reflux-Spectrometric Method	ASTM D1252 B
Waste water	Determination of Phenols Compounds Spectrometric Method	ASTM D1783 A
Waste water	Determination of Metals: Antimony(Sb), Cadmium(Cd), Calcium(Ca), Cobalt(Co), Copper(Cu), Iron(Fe), Lead(Pb), Magnesium(Mg), Manganese(Mn), Nickel(Ni), Potassium(K), Silver(Ag), Sodium(Na), Strontium(Sr), Thallium(Tl), Zinc(Zn) Preparation: Microwave Assisted Acid Digestion Analysis: Flame Atomic Absorption Spectrometric Method	EPA3015A EPA7000B
Waste water	Determination of Metals: Antimony(Sb), Arsenic(As), Barium(Ba), Beryllium(Be), Cadmium(Cd), Chromium(Cr), Cobalt(Co), Copper(Cu), Iron(Fe), Lead(Pb), Manganese(Mn), Molybdenum(Mo), Nickel(Ni), Selenium(Se), Silver(Ag), Thallium(Tl), Vanadium(V) Preparation: Microwave Assisted Acid Digestion Analysis: Graphite Furnace Atomic Absorption Spectrophotometry Method	EPA3015A EPA7010
Waste water	Determination of Mercury (Hg) Preparation: Microwave Assisted Acid Digestion Analysis: Cold Vapor Atomic Absorption Spectrometric Method	EPA3015A EPA245.1



Akreditasyon Sertifikası Eki (Sayfa 9/32)

Akreditasyon Kapsamı

 <p>TÜRKAK Test TS EN ISO IEC 17025 AB-0469-T</p>	<p>AZECOLAB TESTING LABORATORY</p> <p>Akreditasyon No: AB-0469-T Revizyon No: 06 Tarih: 26.09.2018</p>
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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Waste water	Determination of Metals: Aluminum(Al), Antimony(Sb), Arsenic(As), Barium(Ba), Beryllium(Be), Cadmium(Cd), Chromium(Cr), Cobalt(Co), Copper(Cu), Iron(Fe), Lead(Pb), Lithium(Li), Magnesium(Mg), Manganese(Mn), Molybdenum(Mo), Nickel(Ni), Potassium(K), Selenium(Se), Silver(Ag), Sodium(Na), Strontium(Sr), Seleniun(Se), Thallium(Tl), Tin(Sn), Vanadium(V), Zinc(Zn), Thorium(Th), Uranium(U), Boron (B) Preparation: Microwave Assisted Acid Digestion Analysis: ICP-MS Method	EPA3015A EPA6020B
Waste water	Determination of Total Oil and Grease (TOG) & Total Petroleum Hydrocarbons(TPH) Preparation: Liquid-Liquid Extraction Analysis: Infrared Method (HATR-T2)	In house Method SOP4211/Rev10 (InfraCal TOG/TPH Analyzer HATR-T2 User's Guide)
Waste water	Determination of Total Oil and Grease (TOG) and Non Polar Materyal Preparation: Liquid-Liquid Extraction Analysis: Gravimetric Method	EPA1664B



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Akreditasyon Sertifikası Eki (Sayfa 10/32)

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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Waste water	Determination of Volatile Organic Compounds (VOC) (Benzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, Dibromochloromethane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, Ethylbenzene, Hexachlorobutadiene, Methylene chloride, Naphthalene, Styrene, Trichloroethene, 1,1,1,2-Tetrachloroethane, Toluene, 1,1,1,2-Tetrachloroethane, Tetrachloroethene, 1,2,4-Trichlorobenzene, 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, Trichlorofluoromethane, 1,2,3-Trichloropropane, Vinyl chloride, o-Xylene, m-Xylene, p-Xylene) Preparation: Headspace Method Analysis: GC/MS Method	EPA 8260C EPA 5021A
Waste water	Determination of Total Organic Carbon (TOC)/ Dissolved Organic Carbon (DOC) High-Temperature Combustion Method	SM 5310B
Waste water	Determination of Biochemical Oxygen Demand (BOD) Respirometric Method	SM 5210D
Waste water	Determination of Biochemical Oxygen Demand (BOD) 5-Day BOD Test	SM 5210B
Waste water	Determination of Biochemical Oxygen Demand (BOD) Ultimate BOD Test	SM 5210C



Akreditasyon Sertifikası Eki (Sayfa 11/32)

Akreditasyon Kapsamı

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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Waste water	Determination of Radionuclides Gamma Spectrometer Method	EPA 901.1
Waste water	Determination of Phosphate/Phosphate Phosphorus Spectrometric method	ISO 6878
Waste water	Determination of Total Phosphorus Spectrometric Method	ISO 6878
Waste water	Determination of Nitrite/Nitrite Nitrogen Spectrometric Method	SM 4500-NO ₂ B
Waste water	Determination of Nitrate/Nitrate Nitrogen Spectrometric Method	SM 4500-NO ₃ E
Waste water	Determination of Total Nitrogen Oxidation Method	SM 4500-N C
Waste water	Determination of Ammonium/Ammonium Nitrogen Spectrometric Method	SM 4500-NH ₃ F
Waste water	Determination of Silica Spectrometric Method	ASTM D859
Waste water	Determination of Total Petroleum Hydrocarbons(TPH) (C9-C18 Aliphatics, C19-C36 Aliphatics, C11-C22 Aromatics) Total All Fractions (C10-C40 TPH) Preparation1: Liquid-liquid extraction Preparation2: Silica Gel Clean-Up Analysis: GC/FID Method	EPA 3510C EPA 3630C MADEP-2004
Waste water	Determination of Free Cyanide Weak Acid Dissociable Method	ASTM D 2036-09 C
Waste water	Determination of Total Cyanide Preparation. Distillation Analysis: Weak Acid Dissociable Method	ASTM D 2036-09 A ASTM D 2036-09 C



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Akreditasyon Sertifikası Eki (Sayfa 12/32)

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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Waste water	Determination of Poly Aromatic, Hydrocarbons (PAH): Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, Chrysene, Dibenzo(a,h)anthracene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene, Naphthalene, Phenanthrene, Pyrene Preparation1: Liquid-Liquid Extraction Preparation2:Silica Gel Clean-Up Analysis: GC-MS Method	EPA 3510 C EPA 3630 C EPA 8270 D
Waste water	Determination of Hexavalent Chromium Spectrometric Method	ASTMD1687 A
Waste water	Enumeration of Escherichia coli (E. coli) and Coliform Bacteria Most probable number method	ISO 9308-2
Sea water	Determination of Total Suspended Solids (TSS) Gravimetric Method	EPA 160.2
Sea water	Determination of Biochemical Oxygen Demand (BOD) Respirometric Method	SM 5210 D
Sea water	Determination of Phenols Compounds Spectrometric Method	ASTM D1783 A
Sea water	Determination of Metals: Antimony(Sb), Cadmium(Cd), Calcium(Ca),Cobalt(Co), Copper(Cu), Iron(Fe), Lead(Pb), Magnesium(Mg), Manganese(Mn), Nickel(Ni), Potassium(K), Silver(Ag), Sodium(Na), Strontium(Sr), Thallium(Tl), Zinc(Zn) Preparation: Microwave Assisted Acid Digestion Analysis: Flame Atomic Absorption Spectrometric Method	EPA 3015A EPA 7000B



Akreditasyon Sertifikası Eki (Sayfa 13/32)

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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Sea water	Determination of Metals: Antimony(Sb), Arsenic(As), Barium(Ba), Beryllium(Be), Cadmium(Cd), Chromium(Cr), Cobalt(Co), Copper(Cu), Iron(Fe), Lead(Pb), Manganese(Mn), Molybdenum(Mo), Nickel(Ni), Selenium(Se), Silver(Ag), Thallium(Tl), Vanadium(V) Preparation: Microwave Assisted Acid Digestion Analysis: Graphite Furnace Atomic Absorption Spectrophotometry Method	EPA 3015A EPA 7010
Sea water	Determination of Mercury (Hg) Preparation: Microwave Assisted Acid Digestion Analysis: Cold Vapor Atomic Absorption Spectrometric Method	EPA 3015A EPA 245.1
Sea water	Determination of Metals: Aluminum(Al), Antimony(Sb), Arsenic(As), Barium(Ba), Beryllium(Be), Cadmium(Cd), Chromium(Cr), Cobalt(Co), Copper(Cu), Iron(Fe), Lead(Pb), Lithium(Li), Magnesium(Mg), Manganese(Mn), Molybdenum(Mo), Nickel(Ni), Potassium(K), Selenium(Se), Silver(Ag), Sodium(Na), Strontium(Sr), Seleniun(Se), Thallium(Tl), Tin(Sn), Vanadium(V), Zinc(Zn), Thorium(Th), Uranium(U), Boron (B) Preparation: Microwave Assisted Acid Digestion Analysis: ICP-MS Method	EPA3015A EPA6020B
Sea water	Determination of Salinity Electrical Conductivity Method	SM 2520 B
Sea water	Determination of Total Organic Carbon TOC / Dissolved Organic Carbon (DOC) High-Temperature Combustion Method	SM 5310 B



Akreditasyon Sertifikası Eki (Sayfa 14/32)

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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Sea water	Determination of Phosphate/Phosphate Phosphorus Spectrometric method	ISO 6878
Sea water	Determination of Total Phosphorus Spectrometric Method	ISO 6878
Sea water	Determination of Nitrite/Nitrite Nitrogen Spectrometric Method	SM 4500-NO ₂ B
Sea water	Determination of Nitrate/Nitrate Nitrogen Spectrometric Method	SM 4500-NO ₃ E
Sea water	Determination of Total Nitrogen Oxidation Method	SM 4500-N C
Sea water	Determination of Ammonium/Ammonium Nitrogen Spectrometric Method	SM 4500-NH ₃ F
Sea water	Determination of Silica Spectrometric Method	ASTM D859
Sea water	Determination of Total Petroleum Hydrocarbons(TPH) (C9-C18 Aliphatics, C19-C36 Aliphatics, C11-C22 Aromatics) Total All Fractions (C10-C40 TPH) Preparation1: Liquid-liquid extraction Preparation2: Silica Gel Clean-Up Analysis: GC/FID Method	EPA 3510C EPA 3630C MADEP-2004
Sea water	Determination of Free Cyanide Weak Acid Dissociable Method	ASTM D 2036-09 C
Sea water	Determination of Total Cyanide Preparation. Distillation Analysis: Weak Acid Dissociable Method	ASTM D 2036-09 A ASTM D 2036-09 C



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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Sea water	Determination of Poly Aromatic, Hydrocarbons (PAH): Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, Chrysene, Dibenzo(a,h)anthracene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene, Naphthalene, Phenanthrene, Pyrene Preparation1: Liquid-Liquid Extraction Preparation2:Silica Gel Clean-Up Analysis: GC-MS Method	EPA 3510 C EPA 3630 C EPA 8270 D
Sea water	Enumeration of Escherichia coli (E. coli) and Coliform Bacteria Most probable number method	ISO 9308-2
Sea water	Zooplankton Toxicity Test LC50 Counting Method	ISO 14669
Sea water	Phytoplankton Toxicity Test EC50 Counting Method	ISO 10253
Soil	Soil Sampling	EPA/600/R-92/128
Soil	Asbestos Sampling	HSG264
Soil	Determination of Metals: Cadmium(Cd), Calcium(Ca), Chromium(Cr), Cobalt(Co), Copper(Cu), Iron(Fe), Lead(Pb), Magnesium(Mg), Manganese(Mn), Nickel(Ni), Potassium(K), Silver(Ag), Sodium(Na), Strontium(Sr), Thallium(Tl), Zinc(Zn) Preparation: Microwave Assisted Acid Digestion Analysis: Flame Atomic Absorption Spectrometric Method	EPA 3051A EPA 7000B



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Deneysel Yapılan Malzemeler / Ürünler	Deneysel Adı	Deneysel Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Soil	Determination of Metals: Antimony(Sb), Arsenic(As), Barium(Ba), Beryllium(Be), Cadmium(Cd), Chromium(Cr), Cobalt(Co), Copper(Cu), Iron(Fe), Lead(Pb), Manganese(Mn), Molybdenum(Mo), Nickel(Ni), Selenium(Se), Silver(Ag), Thallium(Tl), Vanadium(V) Preparation: Microwave Assisted Acid Digestion Analysis: Graphite Furnace Atomic Absorption Spectrophotometry Method	EPA 3051A EPA 7010
Soil	Determination of Mercury (Hg) Preparation: Microwave Assisted Acid Digestion Analysis: Cold Vapor Atomic Absorption Spectrometric Method	EPA 3051A EPA 245.1
Soil	Determination of Metals: Aluminum(Al), Antimony(Sb), Arsenic(As), Barium(Ba), Beryllium(Be), Cadmium(Cd), Chromium(Cr), Cobalt(Co), Copper(Cu), Iron(Fe), Lead(Pb), Lithium(Li), Magnesium(Mg), Manganese(Mn), Molybdenum(Mo), Nickel(Ni), Potassium(K), Selenium(Se), Silver(Ag), Sodium(Na), Strontium(Sr), Selenyum(Se), Thallium(Tl), Tin(Sn), Vanadium(V), Zinc(Zn), Thorium(Th), Uranium(U), Boron (B) Preparation: Microwave Assisted Acid Digestion Analysis: ICP-MS Method	EPA 3051A EPA 6020B



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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Soil	Determination of Volatile Organic Compounds (VOC): Benzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, Dibromochloromethane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, Ethylbenzene, Hexachlorobutadiene, Methylene chloride, Naphthalene, Styrene, Trichloroethene, 1,1,1,2-Tetrachloroethane, Toluene, 1,1,2,2-Tetrachloroethane, Tetrachloroethene, 1,2,4-Trichlorobenzene, 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, Trichlorofluoromethane, 1,2,3-Trichloropropane, Vinyl chloride, o-Xylene, m-Xylene, p-Xylene Preparation: Headspace Method Analysis: GC/MS Method	EPA5021A EPA8260C
Soil	Determination of Chlorinated Pesticides Aldrin, α -BCH, β -BCH, δ -BCH, γ -BCH, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I, Endosulfan II, Endrin, Endosulfan sulfate, Endrin aldehyde, Heptachlor, Heptachlor epoxide, Toxaphene Preparation: Ultrasonic Extraction Analysis: GC/ECD Method	EPA3550C EPA 8081B



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Deneysel Yapılan Malzemeler / Ürünler	Deneysel Adı	Deneysel Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Soil	Determination of Total Petroleum Hydrocarbons (TPHs) C10-C20 Aliphatics, C21-C40 Aliphatics, C11-C22 Aromatics, Total All Fractions (C10-C40 TPH) C10-C40 Unresolved Complex Mixture (UCM) Preparation1: Ultrasonic Extraction Preparation2: Silica Gel Cleanup and Sulfur Cleanup Analysis: GC/FID Method	EPA 3550C EPA 3630C EPA 3660B MADEP-2004
Soil	Determination of Poly Aromatic Hydrocarbons (PAH): 1-Methylnaphthalene, 1,3-Dimethylnaphthalene, 1-Methylphenanthrene, 3,6-Dimethylphenanthrene, 5-Methylbenzo[a]anthracene, 7-Methylbenzo[a]pyrene, 6,8-Dimethylbenzo[a]anthracene, 7,10-Dimethylbenzo[a]pyrene, 2-Methylfluoranthene, 4-Methyldibenzothiophene, Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(e)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, Chrysene, Dibenzo(a,h)anthracene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene, Naphthalene, Phenanthrene, Pyrene, Perylene, Dibenzothiophene Preparation1: Ultrasonic Extraction Preparation2: Silica Gel Cleanup and Sulfur Cleanup Analysis: GC/MS Method	EPA 3550C EPA 3630C EPA 3660B EPA 8270D
Soil	Determination of Radionuclides Gamma Spectrometer Method	ASTM C1402-04



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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Soil	Determination of TOC and Carbonate Gravimetric Method	In House Method SOP 3520/Rev08 (Modified Standard BS-1377-3)
Soil	Determination of Organic Matter Titrimetric Method	In House Method SOP 3016/Rev07 (Modified Standard BS-1377-3)
Soil	Determination of Particle Size and Sieve Pipette analysis	EPA AD/103788
Soil	Determination of Total Barium Preparation: Lithium Metaborate Fusion Analysis: Graphite Furnace Atomic Absorption Spectrophotometry Method	In House Method SOP2010/Rev06 (Modified Standard EPA 7010)
Soil	Determination of Phenols Spectrometric Method	In House Method SOP3313/Rev06 (Modified Standard EPA NSCEP)
Soil	Determination of Bulk density Gravimetric Method	ASTM D1895
Soil	Determination of Colorific Value Calorimeter Oxygen Bomb Method	In House Method SOP1670/Rev03 (Modified Standard ASTM D5865)
Soil	Asbestos Testing Microscopy, Stereo and Polarized Light	NIOSH 9002 EPA/600/R-93/116 HSG264
Soil	Determination of Hexavalent Chromium Preparation: Alkaline Digestion Method Analysis: Spectrometric Method	EPA 3060 A EPA7196 A
Soil	Analysis of pH Elecrometric Method	EPA 9045 D
Soil	Determination of Water Content Gravimetric Method	ASTM D 2216
Sediment	Sediment Sampling	ISO 5667-19



Akreditasyon Sertifikası Eki (Sayfa 20/32)

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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Sediment	Benthic Infaunal Toxicity Test; Analysis: LC50 Counting Method	Caspian - specific ecotoxicity procedures OSPAR commission, 2006: PART A
Sediment	Determination of Metals: Cadmium(Cd), Calcium(Ca), Chromium(Cr), Cobalt(Co), Copper(Cu), Iron(Fe), Lead(Pb), Magnesium(Mg), Manganese(Mn), Nickel(Ni), Potassium(K), Silver(Ag), Sodium(Na), Strontium(Sr), Thallium(Tl), Zinc(Zn) Preparation: Microwave Assisted Acid Digestion Analysis: Flame Atomic Absorption Spectrometric Method	EPA 3051A EPA 7000B
Sediment	Determination of Metals: Antimony(Sb), Arsenic(As), Barium(Ba), Beryllium(Be), Cadmium(Cd), Chromium(Cr), Cobalt(Co), Copper(Cu), Iron(Fe), Lead(Pb), Manganese(Mn), Molybdenum(Mo), Nickel(Ni), Selenium(Se), Silver(Ag), Thallium(Tl), Vanadium(V) Preparation: Microwave Assisted Acid Digestion Analysis: Graphite Furnace Atomic Absorption Spectrophotometry Method	EPA3051A EPA 7010
Sediment	Determination of Mercury (Hg) Preparation: Microwave Assisted Acid Digestion Analysis: Cold Vapor Atomic Absorption Spectrometric Method	EPA 3051A EPA 245.1



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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Sediment	Determination of Metals: Aluminum(Al), Antimony(Sb), Arsenic(As), Barium(Ba), Beryllium(Be), Cadmium(Cd), Chromium(Cr), Cobalt(Co), Copper(Cu), Iron(Fe), Lead(Pb), Lithium(Li), Magnesium(Mg), Manganese(Mn), Molybdenum(Mo), Nickel(Ni), Potassium(K), Selenium(Se), Silver(Ag), Sodium(Na), Strontium(Sr), Selenyum(Se), Thallium(Tl), Tin(Sn), Vanadium(V), Zinc(Zn), Thorium(Th), Uranium(U), Boron (B); Preparation: Microwave Assisted Acid Digestion Analysis: ICP-MS Method	EPA 3051A EPA 6020B
Sediment	Determination of Total Petroleum Hydrocarbons(TPHs) C10-C20 Aliphatics, C21-C40 Aliphatics, C11-C22 Aromatics, Total All Fractions(C10-C40 TPH) C10-C40 Unresolved Complex Mixture (UCM) Preparation1: Ultrasonic Extraction Preparation2: Silica Gel Cleanup and Sulfur Cleanup Analysis: GC/FID Method	EPA 3550C EPA 3630C EPA 3660B MADEP-2004

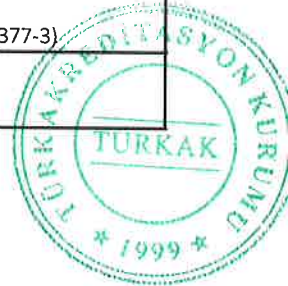


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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Sediment	Determination of Poly Aromatic Hydrocarbons (PAH): 1-Methylnaphthalene, 1,3-Dimethylnaphthalene, 1-Methylphenanthrene, 3,6-Dimethylphenanthrene, 5-Methylbenz[a]anthracene, 7-Methylbenzo[a]pyrene, 6,8-Dimethylbenz[a]anthracene, 7,10-Dimethylbenzo[a]pyrene, 2-Methylfluoranthene, 4-Methyldibenzothiophene, Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(e)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, Chrysene, Dibenzo(a,h)anthracene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene, Naphthalene, Phenanthrene, Pyrene, Perylene, Dibenzothiophene; Preparation: Ultrasonic Extraction; Silica Gel Cleanup and Sulfur Cleanup, Analysis: GC/MS Method	EPA 3550C EPA 3630C EPA 3660B EPA 8270D
Sediment	Determination of Radionuclides Gamma Spectrometer Method	ASTM C1402-04
Sediment	Determination of TOC and Carbonate Gravimetric Method	In House Method SOP 3520/Rev08 (Modified Standard BS-1377-3)
Sediment	Determination of Organic Matter Titrimetric Method	In House Method SOP 3016/Rev07 (Modified Standard BS-1377-3)
Sediment	Determination of Particle Size and Sieve Pipette analysis	EPA AD/103788



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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Sediment	Determination of Total Barium Preparation: Lithium Metaborate Fusion Analysis: Graphite Furnace Atomic Absorption Spectrophotometry Method	In House Method SOP2010/Rev06 (Modified Standard EPA 7010)
Sediment	Determination of Hexavalent Chromium Preparation: Alkaline Digestion Method Analysis: Spectrometric Method	EPA 3060 A EPA7196 A
Flue Gas (In accordance with TSE CEN/TS 15675 and TS EN 15259)	Emissions from Stationary Sources (≤450°C); NO, CO, NO ₂ , NO, velocity; Electrochemical Method	USEPA 1; USEPA 2; USEPA 7; USEPA 7E; USEPA 20
Ambient Air	PM ₁₀ and PM _{2.5} in Ambient Air; Analysis: Gravimetric Method	European Standart EN 12341
Ambient Air	NO, NO ₂ passive sampling and measurement; Spectrophotometry Method	In House Method SOP1570/Rev06 (Modified Standard EN 13528-1-2-3)
Ambient Air	Passive Charcoal sampling and Oil hydrocarbon tests; Preparation: Carbon Disulfide (CS ₂) extraction, Analysis: GC-FID Method	In House Method SOP4309/Rev02 (Modified Standard EN 13528-1-2-3)
Ambient Air	SO ₂ passive sampling and measurement; Ion chromatography Method	In House Method SOP1580/Rev04 (Modified Standard EN 13528-1-2-3)
Ambient Air	Passive Charcoal sampling and BTEX tests; Preparation: Carbon Disulfide (CS ₂) extraction, Analysis: GC-FID Method	In House Method SOP4308/Rev03 (Modified Standard EN 13528-1-2-3)
Ambient Air	Sampling of Microorganisms in Air	ASTM E 884-82



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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Air	Background Radiation; Radiation monitors based on appropriate radiation detector	In House Method SOP3250/Rev03 (Modified Standard DOE 1107-97)
Industrial hygiene (Indoor Air) Noise	Determination of occupational noise exposure in workplace	ISO 9612
Noise	Determination of Environmental Noise Levels (L _{aeq} , L _{aeqt} , L _{regt} , L _{day} , L _{den} , L _{evening} , L _{AFNT} , L _E , L _{afmax} , L _{cenmax} , L _{rden} , L _{rden})	ISO 1996-1; ISO 1996-2
Industrial hygiene (Indoor Air)	Asbestos Sampling and Testing in Air; Phase contrast microscopy (PCM) Method	NIOSH 7400 HSG248 MDHS 39/4
Industrial hygiene (Indoor Air)	Dust Sampling in indoor air (PM _{2.5} ; PM ₁₀ ; Inhalable and Respirable) Sampling; pump and filter; Gravimetric Method	MDHS 14/3; EN 689
Industrial hygiene (Indoor Air)	Industrial hygiene Charcoal sampler active sampling and BTEX tests; Preparation: Carbon Disulfide (CS ₂) extraction, Analysis: GC-FID Method	NIOSH-1501; EN 689
Industrial hygiene (Indoor Air)	Industrial hygiene Charcoal sampler active sampling and Oil hydrocarbon tests; Preparation: Carbon Disulfide (CS ₂) extraction, Analysis:GC-FID Method	NIOSH-1500; EN 689
Industrial hygiene (Indoor Air)	Industrial hygiene XAD-2 sampler active sampling and Poly Aromatic Hydrocarbons(PAHs) tests; Preparation:Dichloromethane (DCM) extraction, Analysis:GC/MS Method	NIOSH 5515
Microbiology (Food)	Total bacteria count Colony-count technique	GOST 10444.15-1994
Microbiology (Food)	Detection of Coliform bacteria Most probable number method	GOST 31747-2012



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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Microbiology (Food)	Detection of Staphylococcus aureus Colony-count technique	GOST 31746-2012
Microbiology (Food)	Detection of Salmonella	GOST 31659-2012
Microbiology (Food)	Detection and enumeration of yeast and mould Colony-count technique	GOST 10444.12-2013
Electrical Safety	Mains on Voltage	EVS EN60601-1
Electrical Safety	Protective Earth Resistance Test	EVS EN60601-1
Electrical Safety	Device Current Draw	EVS EN60601-1
Electrical Safety	Earth Leakage Current Test	EVS EN60601-1
Electrical Safety	Enclosure Leakage Current Test	EVS EN60601-1
Electrical Safety	Mains on Applied Part Leakage Test	EVS EN60601-1
Electrical Safety	Patient Leakage Current AC+DC Test	EVS EN60601-1
Electrical Safety	Patient Auxiliary Current AC+DC Test	EVS EN60601-1
Electrical Safety	Insulation Resistance Test	EVS EN60601-1
AED	Rhythm recognition to charge ready time	EVS EN60601-2-4
AED	Output accuracy	EVS EN60601-2-4
AED	Charge time test	EVS EN60601-2-4
AED	Energy test	EVS EN60601-2-4
AED	AED Arrhythmia tests	EVS EN60601-2-4
Defibrillator	Heart rate accuracy	EVS EN60601-2-27
Defibrillator	Recorder speed accuracy	EVS EN60601-2-27
Defibrillator	Amplitude accuracy	EVS EN60601-2-27
Defibrillator	Alarm functions	EVS EN60601-2-27
Defibrillator	Output accuracy	EVS EN60601-2-4
Defibrillator	Energy test	EVS EN60601-2-4



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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Defibrillatör	Charge time test	EVS EN60601-2-4
Defibrillatör	Energy after 1 min full charge	EVS EN60601-2-4
Defibrillatör	Synchronizer operation	EVS EN60601-2-4
Defibrillatör	Pacer output accuracy	EVS EN60601-2-4
Defibrillatör	Demand-mode sensitivity	EVS EN60601-2-4
Defibrillatör	Pacer rate accuracy	EVS EN60601-2-4
ECG	Heart Rate Accuracy	EVS EN 80801-2-31
ECG	Amplitude accuracy	EVS EN 80801-2-31
ECG	Frequency test	EVS EN 80801-2-31
ECG	ST Deviation test	EVS EN60601-2-47
ECG	Recorder speed	EVS EN60601-2-27
ECG	Arrhythmia Test	EVS EN60601-2-47
ECG	Alarm Functions	EVS EN60601-2-27
NIBP monitor	Leak Test	EVS EN80601-2-30
NIBP monitor	Static pressure accuracy	EVS EN80601-2-30
NIBP monitor	Pressure relief test	EVS EN80601-2-30
NIBP monitor	Dynamic pressure accuracy	EVS EN80601-2-30
NIBP monitor	Alarm function	EVS EN80601-2-30
IBP Monitor	Static Pressure	EVS EN 60601-2-34
IBP Monitor	Dynamic Pressure	EVS EN 60601-2-34
IBP Monitor	Alarm Function	EVS EN 60601-2-34
SpO ₂ - Pulse Oximeter	Heart rate accuracy	EVS EN ISO 80601-2-61
SpO ₂ - Pulse Oximeter	SpO ₂ functionality test	EVS EN ISO 80601-2-61



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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
SpO ₂ - Pulse Oximeter	Alarm Function	EVS EN ISO 80601-2-61
Aspirator	Suction test	EVS EN ISO 10079-1
Aspirator	Vacuum gauge accuracy	EVS EN ISO 10079-1
Aspirator	Free flow rate	EVS EN ISO 10079-1
Aspirator	Vacuum rise time	EVS EN ISO 10079-1
Vital Signs Monitor	ECG Heart Rate Accuracy	EVS EN60601-2-27
Vital Signs Monitor	ECG Amplitude accuracy	EVS EN60601-2-27
Vital Signs Monitor	ECG Frequency test	EVS EN60601-2-27
Vital Signs Monitor	ECG ST Deviation test	EVS EN60601-2-47
Vital Signs Monitor	ECG Recorder speed	EVS EN60601-2-27
Vital Signs Monitor	ECG Arrhythmia Test	EVS EN60601-2-47
Vital Signs Monitor	ECG Alarm Functions	EVS EN60601-2-27
Vital Signs Monitor	NIBP Leak Test	EVS EN80601-2-30
Vital Signs Monitor	NIBP Static pressure accuracy	EVS EN80601-2-30
Vital Signs Monitor	NIBP Pressure relief test	EVS EN80601-2-30
Vital Signs Monitor	NIBP Dynamic pressure accuracy	EVS EN80601-2-30
Vital Signs Monitor	NIBP Auto interval time	EVS EN 80601-2-30
Vital Signs Monitor	NIBP Alarm function	EVS EN80601-2-30
Vital Signs Monitor	Pulse Oximeter Heart rate accuracy	EVS EN ISO 80601-2-61
Vital Signs Monitor	Pulse Oximeter SpO ₂ functionality	EVS EN ISO 80601-2-61
Vital Signs Monitor	Pulse Oximeter Alarm Function	EVS EN 80601-2-61
Vital Signs Monitor	IBP.Static Pressure	EVS EN 60601-2-34
Vital Signs Monitor	IBP Dynamic Pressure	EVS EN 60601-2-34



Akreditasyon Sertifikası Eki (Sayfa 28/32)

Akreditasyon Kapsamı

 <p>TÜRKAK Test TS EN ISO IEC 17025 AB-0469-1</p>	<p style="text-align: center;">AZECOLAB TESTING LABORATORY</p> <p style="text-align: center;">Akreditasyon No: AB-0469-T Revizyon No: 06 Tarih: 26.09.2018</p>
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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Vital Signs Monitor	IBP Alarm Function	EVS EN 60601-2-34
Sphygmomanometer Aneroid	Leak Test	EVS EN ISO 81060-1
Sphygmomanometer Aneroid	Pressure accuracy	EVS EN ISO 81060-1
Ventilator	Tank Pressure accuracy	EVS EN 60601-2-12
Ventilator	Peak Inspiration Pressure	EVS EN 60601-2-12
Ventilator	Tidal Volume accuracy	EVS EN 60601-2-12
Ventilator	Respiration rate	EVS EN 60601-2-12
Ventilator	I:E ratio	EVS EN 60601-2-12
Ventilator	Pressure Accuracy	EVS EN 60601-2-12
Ventilator	PEEP	EVS EN 60601-2-12
Ventilator	Flow test	EVS EN 60601-2-12
Ventilator	Limit pressure test	EVS EN 60601-2-12
Ventilator	O ₂ Accuracy	EVS EN 60601-2-12
Ventilator	Alarm function	EVS EN 60601-2-12
Medical Pressure/Flow regulators	Output pressure test	EVS EN ISO 10524-1
Medical Pressure/Flow regulators	Flow accuracy test	EVS EN ISO 10524-1
Medical Pressure/Flow regulators	Gauge accuracy	EVS EN ISO 10524-1
Water	Determination of Sulfide by Ion Selective Electrode Method	ASTM D4658
Waste water	Determination of Sulfide by Ion Selective Electrode Method	ASTM D4658



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Akreditasyon Sertifikası Eki (Sayfa 29/32)

Akreditasyon Kapsamı


 <p>TÜRKAK Test TS EN ISO IEC 17025 AB-0469-T</p>	<p>AZECOLAB TESTING LABORATORY</p> <p>Akreditasyon No: AB-0469-T Revizyon No: 06 Tarih: 26.09.2018</p>
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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Sea water	Determination of Sulphide by Ion Selective Electrode Method	ASTM D4658
Water	Determination of Bromate by Ion Chromatography Method	ASTM D6581
Soil	Determination of Acid Soluble Anions (Chloride, Sulphate) Preparation: Nitric Acid Extraction Analysis: Ion Chromatography Method	BS 1377-3
Soil	Determination of Water Soluble Anions (Chloride, Sulphate) Preparation: Deionized Water Extraction Analysis: Ion Chromatography Method	BS 1377-3
Water	Determination of Total Cyanide Preparation: Reflux Distillation Analysis: Semi-Automated Colorimetric Method	EPA 335.4
Waste water	Determination of Total Cyanide Preparation: Reflux Distillation Analysis: Semi-Automated Colorimetric Method	EPA 335.4
Sea water	Determination of Total Cyanide Preparation: Reflux Distillation Analysis: Semi-Automated Colorimetric Method	EPA 335.4
Water	Determination of Ammonium Nitrogen Preparation: Distillation Analysis: Semi-Automated Colorimetric Method	ISO 7150-1
Waste water	Determination of Ammonium Nitrogen Preparation: Distillation Analysis: Semi-Automated Colorimetric Method	ISO 7150-1



Akreditasyon Sertifikası Eki (Sayfa 30/32)

Akreditasyon Kapsamı


 <p>TÜRKAK Test TS EN ISO IEC 17025 AB-0469-T</p>	<p style="text-align: center;">AZECOLAB TESTING LABORATORY</p> <p style="text-align: center;">Akreditasyon No: AB-0469-T Revizyon No: 06 Tarih: 26.09.2018</p>
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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Sea water	Determination of Ammonium Nitrogen Preparation: Distillation Analysis: Semi-Automated Colorimetric Method	ISO 7150-1
Water	Determination of Anions (Nitrite) Analysis: Semi-Automated Colorimetric Method	In house Method SOP1920/Rev01 (Modified Standard SM 4500 NO ₂ B)
Waste water	Determination of Anions (Nitrite) Analysis: Semi-Automated Colorimetric Method	In House Method-SOP 1920/01 (Modified Standard SM 4500 NO ₂ B)
Sea water	Determination of Anions (Nitrite) Analysis: Semi-Automated Colorimetric Method	In house Method SOP1920/Rev01 (Modified Standard SM 4500 NO ₂ B)
Fluid samples	Determination of Particle Size Distribution	ISO 11500
Soil	Determination of the Mass Loss on Ignition	BS 1377-3
Sediment	Determination of the Mass Loss on Ignition	BS 1377-3
Soild samples	Determination of the Mass Loss on Ignition	BS 1377-3
Soil	Determination of n-Hexane Extractable Material by Gravimetric Method	EPA 9071B
Sediment	Determination of n-Hexane Extractable Material by Gravimetric Method	EPA 9071B



Akreditasyon Sertifikası Eki (Sayfa 31/32)

Akreditasyon Kapsamı


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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Water	Determination of Phenols (2-Chlorophenol, o-Cresol (2-methylphenol), p Cresol, m-Cresol, 2-Nitrophenol, 2,4-Dimethylphenol, 2,4-Dichlorophenol, 2,6-Dichlorophenol, 4-Chloro-3-methylphenol, 2,4,6-Trichlorophenol, 2,4,5-Trichlorophenol, 4-Nitrophenol, 2,3,4,6 Tetrachlorophenol, 2-methyl-4,6--dinitrophenol, Pentachlorophenol) Preparation: Solid Phase Extraction Analysis: GC/MS Method	EPA 528
Waste water	Determination of Phenols (2-Chlorophenol, o-Cresol (2-methylphenol), p Cresol, m-Cresol, 2-Nitrophenol, 2,4-Dimethylphenol, 2,4-Dichlorophenol, 2,6-Dichlorophenol, 4-Chloro-3-methylphenol, 2,4,6-Trichlorophenol, 2,4,5-Trichlorophenol, 4-Nitrophenol, 2,3,4,6 Tetrachlorophenol, 2-methyl-4,6--dinitrophenol, Pentachlorophenol) Preparation: Solid Phase Extraction Analysis: GC/MS Method	EPA 528
Sea water	Determination of Phenols (2-Chlorophenol, o-Cresol (2-methylphenol), p Cresol, m-Cresol, 2-Nitrophenol, 2,4-Dimethylphenol, 2,4-Dichlorophenol, 2,6-Dichlorophenol, 4-Chloro-3-methylphenol, 2,4,6-Trichlorophenol, 2,4,5-Trichlorophenol, 4-Nitrophenol, 2,3,4,6 Tetrachlorophenol, 2-methyl-4,6--dinitrophenol, Pentachlorophenol) Preparation: Solid Phase Extraction Analysis: GC/MS Method	EPA 528
Water	Determination of Oxidation-Reduction Potential Electrometric Method	ASTM D1498



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Akreditasyon Kapsamı

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Deneyi Yapılan Malzemeler / Ürünler	Deney Adı	Deney Metodu (Ulusal, Uluslararası standartlar, işletme içi metodlar)
Waste water	Determination of Oxidation-Reduction Potential Electrometric Method	ASTM D1498
Sea water	Determination of Oxidation-Reduction Potential Electrometric Method	ASTM D1498
Microbiology (Food)	Food Sampling for Microbiological Tests	ISO/TS 17728
Microbiology (Surface)	Sampling from Surfaces Using Swabs	ISO 18593
Microbiology (Food)	Detection of Escherchia coli	GOST 30726-2001
Water	Determination of Chemical Oxygen Demand (COD) Closed Reflux-Spectrometric Method	ASTM D1252 B

KAPSAM SONU



Kadir Kayihan CABIOĞLU
Genel Sekreter V.