



Yeterlik Belge No  
Y-34/073/2020



Test  
TS EN ISO/IEC 17025  
AB-0012-T

AB-0012-T

IST.SU.21.0607048

07-21

**ARTEK MÜHENDİSLİK**  
**Çevre Ölçüm ve Danışmanlık Hiz. Tic. A.Ş.**  
**ÇEVRE LABORATUVARI**

Mehmet Akif Mah. Elmalı Cad. Tarık Buğra Sok. No:15 - Ümraniye/Turkey  
Tel: +90 216 499 02 49 (Pbx) Faks: +90 216 499 28 68  
www.artekcevre.com.tr

**ANALYSIS REPORT**

Report Number / Date	IST.SU.21.0607048 / 06/07/2021		
Company	ACE Danışmanlık ve Mühendislik A.Ş.   ACE Consulting and Engineering Inc.		
Company Address	Seba Office Boulevard C Blok Ofis No: 42 Ayazaga Mh. Mimar Sinan Sk. No:21 34396 Sarıyer / Istanbul, Turkey		
Sample Number	IST.SU.21.0607048	Sample Taken From	GREEK 2
Customer Sample No		Sampling Date - Time	07/06/2021 13:50:00 07/06/2021 13:50:00
Sample Type	Water	Handling Processes	Cold Transport - Chemical Protect
Sample Taken By	ARTEK	Sample Accepted On	07/06/2021 - 16:47:57
Sample Taken As	Instant	Analysis Conducted On	07/06/2021 05/07/2021
Sample Delivery	Taking On Site	Number of Pages	2
Quantity / Package	5000 ml Glass / Plastic Container		

Koordinat: 41°06'34.0" K 28°46'43.3" D

Method Number	Method Name - Date
SM 2120 C	Standard Methods - Colour -Spectrophotometric- Single- Wavelength Method-(2011)
SM 2510 B	Standard Methods - Conductivity - Laboratory Method-(2011)
SM 4110 B	Standard Methods - Determination of Anions by Ion Chromatography - with Chemical Suppression of Eluent Conductivity-(2011)
SM 4500-NH3 B, F	Standard Methods - Nitrogen (Ammonia) - Preliminary Distillation Step- (2011), Standard Methods - Phenate Method-(2011)
SM 4500-Norg B	Standard Methods - Nitrogen (Organic) - Macro Kjeldahl Method-(2011)
SM 4500-O G	Standard Methods - Oxygen (Dissolved) - Membrane Electrode Method-(2016)
SM 4500-H+ B	Standard Methods - pH Value - Electrometric Method-(2011)
SM 4500-P E	Standard Methods - Phosphorus - Ascorbic Acid Method-(2011)
SM 4500-P B, E	Standard Methods - Phosphorus - Sample Preparation- (2011) /Standard Methods - Phosphorus - Ascorbic Acid Method-(2011)
SM 4500-S-2 D	Standard Methods - Sulfide - Methylene Blue Method- (2011)
TS 6291	Su kalitesi-Numune alma-Kisim 4: Göl ve göletlerden numune alma kuralları-(1989)

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Sayfa ( 1 / 2 )

FORM NO:FR.510.01-01  
YAYIN TARİHİ:14.02.2013

REV.NO: 4  
REV.TARİHİ: 14.12.2020



Yeterlik Belge No  
Y-34/073/2020



**ARTEK MÜHENDİSLİK**  
**Çevre Ölçüm ve Danışmanlık Hiz. Tic. A.Ş.**  
**ÇEVRE LABORATUVARI**

AB-0012-T

IST.SU.21.0607048

07-21

**ANALYSIS REPORT**

<b>Company Name</b>	ACE Danışmanlık ve Mühendislik A.Ş.   ACE Consulting and Engineering Inc.		
<b>Report Number / Date</b>	IST.SU.21.0607048 / 06/07/2021		
<b>Analysis Parameters</b>	<b>Analysis Method</b>	<b>Unit</b>	<b>Analysis Result</b>
Conductivity (*y)	SM 2510 B	µS/cm	654
Ammonium (*)	SM 4500-NH3 B, F	mg/L	0,46
Dissolved Oxygen Saturation Ratio (*y)	SM 4500-O G	%	73
Fluoride (*)	SM 4110 B	mg/L	0,268
Phosphate Phosphorus (*)	SM 4500-P E	mg/L	0,054
Nitrate Nitrogen (*)	SM 4110 B	mg/L	0,163
Color (*)	SM 2120 C	Pt-Co	10,33
Sulfur (*)	SM 4500-S-2 D	mg/L	0,05
Total Phosphorus (*)	SM 4500-P B, E	mg/L	0,1
Total Kjeldahl Nitrogen (*)	SM 4500-Norg B	mg/L	2,49
pH (*y)	SM 4500-H+ B		9,28

\* Marked parameters are reported under accreditation and Ministry.  
(\*y) The marked parameters were measured on site by our authorized personnel.

**Descriptions :** This report has been prepared in 1(one) copy and sent to the customer. This report is archived electronically by our laboratory.

**Signatures of Personnel in**

**Özlem GÜLER**  
**Laboratory Unit Manager**  
**Digitally Signed**

**Melahat AYDIN**  
**Laboratory Manager**  
**Digitally Signed**

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Sayfa ( 2 / 2 )



Test  
TS EN ISO/IEC 17025  
AB-0012-T

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IST.SU.21.0607048.1

07-21

**ARTEK MÜHENDİSLİK**  
**Çevre Ölçüm ve Danışmanlık Hiz. Tic. A.Ş.**  
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**ANALYSIS REPORT**

<b>Report Number / Date</b>	IST.SU.21.0607048.1 / 06/07/2021		
<b>Company</b>	ACE Danışmanlık ve Mühendislik A.Ş.   ACE Consulting and Engineering Inc.		
<b>Company Address</b>	Seba Office Boulevard C Blok Ofis No: 42 Ayazaga Mh. Mimar Sinan Sk. No:21 34396 Sarıyer / İstanbul, Turkey		
<b>Sample Number</b>	IST.SU.21.0607048.1	<b>Sample Taken From</b>	GREEK 2
<b>Customer Sample No</b>		<b>Sampling Date - Time</b>	07/06/2021 13:50:00 07/06/2021 13:50:00
<b>Sample Type</b>	Water	<b>Handling Porcesses</b>	Cold Transport - Chemical Protect
<b>Sample Taken By</b>	ARTEK	<b>Sample Accepted On</b>	07/06/2021 - 16:47:57
<b>Sample Taken As</b>	Instant	<b>Analysis Conducted On</b>	07/06/2021 05/07/2021
<b>Sample Delivery</b>	Taking On Site	<b>Number of Pages</b>	2
<b>Quantity / Package</b>	5000 ml Glass / Plastic Container		

Koordinat: 41°06'34.0" K 28°46'43.3" D

Method Number	Method Name - Date
EPA 200.7	Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma Atomic Emission Spectrometry-(1994)
İşbirliği/Taşeron Laboratuvar Metodu	Cooperation Laboratory Method
SM 5210 B	Standard Methods - Biochemical Oxygen Demand (BOD) - 5 day-(2016)
SM 5220 B	Standard Methods - Chemical Oxygen Demand (COD) - Open Reflux Method-(2011)
SM 4500-Norg B, SM 4110 B ile Hesaplama	Standard Methods - Nitrogen (Organic) - Macro Kjeldahl Method-(2011)/Standard Methods - Determination of Anions by Ion Chromatography - with Chemical Suppression of Eluent Conductivity-(2011)
TS 6291	Su kalitesi-Numune alma-Kisim 4: Göl ve göletlerden numune alma kurallari-(1989)

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Sayfa ( 1 / 2 )

FORM NO:FR.510.01-02  
YAYIN TARİHİ:14.02.2013

REV.NO: 4  
REV.TAR.: 14.12.2020



ARTEK MÜHENDİSLİK  
Çevre Ölçüm ve Danışmanlık Hiz. Tic. A.Ş.  
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AB-0012-T

IST.SU.21.0607048.1

07-21

ANALYSIS REPORT

Company Name	ACE Danışmanlık ve Mühendislik A.Ş.   ACE Consulting and Engineering Inc.		
Report Number / Date	IST.SU.21.0607048.1 / 06/07/2021		
Analysis Parameters	Analysis Method	Unit	Analysis Result
Biochemical Oxygen Demand (**)	SM 5210 B	mg/L	9,5
Chemical Oxygen Demand (**)	SM 5220 B	mg/L	26,9
Total Nitrogen (**)	SM 4500-Norg B, SM 4110 B ile Hesaplama	mg/L	2,68
Manganese (**)	EPA 200.7	mg/L	<0,001
Selenium (**)	EPA 200.7	mg/L	<0,005
Oil and Grease (a)	Cooperation Laboratory Method	mg/L	0,277

(\*\*) The marked parameters are reported under accreditation and reported out off ministry.

(a) The marked parameters were analyzed by the collaboration laboratory.

**Descriptions :** This report has been prepared in 1(one) copy and sent to the customer. This report is archived electronically by our laboratory.

Signatures of Personel in Charge:

Özlem GÜLER  
Laboratory Unit Manager  
Digitally Signed

Melihat AYDIN  
Laboratory Manager  
Digitally Signed

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Test TS EN ISO/IEC 17025 AB-0012-T
AB-0012-T
IST.SU.21.0604071
07-21

**ANALYSIS REPORT**

Report Number / Date	IST.SU.21.0604071 / 06/07/2021		
Company	ACE Danışmanlık ve Mühendislik A.Ş.   ACE Consulting and Engineering Inc.		
Company Address	Seba Office Boulevard C Blok Ofis No: 42 Ayazaga Mh. Mimar Sinan Sk. No:21 34396 Sarıyer / Istanbul, Turkey		
Sample Number	IST.SU.21.0604071	Sample Taken From	GREEK 3 SAZLIDERE
Customer Sample No		Sampling Date - Time	03/06/2021 09:00:00 03/06/2021 09:00:00
Sample Type	Water	Handling Processes	Cold Transport - Chemical Protect
Sample Taken By	ARTEK	Sample Accepted On	04/06/2021 - 17:00:00
Sample Taken As	Instant	Analysis Conducted On	04/06/2021 05/07/2021
Sample Delivery	Taking On Site	Number of Pages	2
Quantity / Package	5000 ml Glass / Plastic Container		

Koordinat: 41°06'17.53" K 28°43'17.37" D

Method Number	Method Name - Date
SM 2120 C	Standard Methods - Colour -Spectrophotometric- Single- Wavelength Method-(2011)
SM 2510 B	Standard Methods - Conductivity - Laboratory Method-(2011)
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SM 4500-O G	Standard Methods - Oxygen (Dissolved) - Membrane Electrode Method-(2016)
SM 4500-H+ B	Standard Methods - pH Value - Electrometric Method-(2011)
SM 4500-P E	Standard Methods - Phosphorus - Ascorbic Acid Method-(2011)
SM 4500-P B, E	Standard Methods - Phosphorus - Sample Preparation- (2011) /Standard Methods - Phosphorus - Ascorbic Acid Method-(2011)
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**ANALYSIS REPORT**

<b>Company Name</b>	ACE Danışmanlık ve Mühendislik A.Ş.   ACE Consulting and Engineering Inc.		
<b>Report Number / Date</b>	IST.SU.21.0604071 / 06/07/2021		
<b>Analysis Parameters</b>	<b>Analysis Method</b>	<b>Unit</b>	<b>Analysis Result</b>
Conductivity (*y)	SM 2510 B	µS/cm	592
Ammonium (*)	SM 4500-NH3 B, F	mg/L	4,61
Dissolved Oxygen Saturation Ratio (*y)	SM 4500-O G	%	4,2
Floride (*)	SM 4110 B	mg/L	5,34
Phosphate Phosphorus (*)	SM 4500-P E	mg/L	1,68
Nitrate Nitrogene (*)	SM 4110 B	mg/L	0,246
Color (*)	SM 2120 C	Pt-Co	60,86
Sulfur (*)	SM 4500-S-2 D	mg/L	0,81
Total Phosphorus (*)	SM 4500-P B, E	mg/L	2,13
Total Kjeldahl Nitrogen (*)	SM 4500-Norg B	mg/L	24,48
pH (*y)	SM 4500-H+ B		7,4

\* Marked parameters are reported under accreditation and Ministry.  
(\*y) The marked parameters were measured on site by our authorized personel.

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**Signatures of Personel in**

**Özlem GÜLER**  
**Laboratory Unit Manager**  
**Digitally Signed**

**Melahat AYDIN**  
**Laboratory Manager**  
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Company Address	Seba Office Boulevard C Blok Ofis No: 42 Ayazaga Mh. Mimar Sinan Sk. No:21 34396 Sarıyer / İstanbul, Turkey		
Sample Number	IST.SU.21.0604071.1	Sample Taken From	GREEK 3 SAZLIDERE
Customer Sample No		Sampling Date - Time	03/06/2021 09:00:00 03/06/2021 09:00:00
Sample Type	Water	Handling Porcesses	Cold Transport - Chemical Protect
Sample Taken By	ARTEK	Sample Accepted On	04/06/2021 - 17:00:00
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Sample Delivery	Taking On Site	Number of Pages	2
Quantity / Package	5000 ml Glass / Plastic Container		

Koordinat: 41°06'17.53" K 28°43'17.37" D

Method Number	Method Name - Date
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İşbirliği/Taşeron Laboratuvar Metodu	Cooperation Laboratory Method
SM 5210 B	Standard Methods - Biochemical Oxygen Demand (BOD) - 5 day-(2016)
SM 5220 B	Standard Methods - Chemical Oxygen Demand (COD) - Open Reflux Method-(2011)
SM 4500-Norg B, SM 4110 B ile Hesaplama	Standard Methods - Nitrogen (Organic) - Macro Kjeldahl Method-(2011)/Standard Methods - Determination of Anions by Ion Chromatography - with Chemical Suppression of Eluent Conductivity-(2011)
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FORM NO:FR.510.01-02  
YAYIN TARİHİ:14.02.2013

REV.NO: 4  
REV.TAR.: 14.12.2020



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ANALYSIS REPORT

Company Name	ACE Danışmanlık ve Mühendislik A.Ş.   ACE Consulting and Engineering Inc.		
Report Number / Date	IST.SU.21.0604071.1 / 06/07/2021		
Analysis Parameters	Analysis Method	Unit	Analysis Result
Biochemical Oxygen Demand (**)	SM 5210 B	mg/L	57
Chemical Oxygen Demand (**)	SM 5220 B	mg/L	160,2
Total Nitrogen (**)	SM 4500-Norg B, SM 4110 B ile Hesaplama	mg/L	24,76
Manganese (**)	EPA 200.7	mg/L	0,54
Selenium (**)	EPA 200.7	mg/L	<0,005
Oil and Grease (a)	Cooperation Laboratory Method	mg/L	4,16

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(a) The marked parameters were analyzed by the collaboration laboratory.

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Signatures of Personel in Charge:

Özlem GÜLER  
Laboratory Unit Manager  
Digitally Signed

Melihat AYDIN  
Laboratory Manager  
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**ÇEVRE LABORATUVARI**

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www.artekcevre.com.tr

AB-0012-T
IST.SU.21.0604072
07-21

**ANALYSIS REPORT**

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Customer Sample No		Sampling Date - Time	03/06/2021 09:30:00 03/06/2021 09:30:00
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Sample Taken As	Instant	Analysis Conducted On	04/06/2021 05/07/2021
Sample Delivery	Taking On Site	Number of Pages	2
Quantity / Package	5000 ml Glass / Plastic Container		

Koordinat: 41°07'52.23" K 28°38'22.63" D

Method Number	Method Name - Date
SM 2120 C	Standard Methods - Colour -Spectrophotometric- Single- Wavelength Method-(2011)
SM 2510 B	Standard Methods - Conductivity - Laboratory Method-(2011)
SM 4110 B	Standard Methods - Determination of Anions by Ion Chromatography - with Chemical Suppression of Eluent Conductivity-(2011)
SM 4500-NH3 B, F	Standard Methods - Nitrogen (Ammonia) - Preliminary Distillation Step- (2011), Standard Methods - Phenate Method-(2011)
SM 4500-Norg B	Standard Methods - Nitrogen (Organic) - Macro Kjeldahl Method-(2011)
SM 4500-O G	Standard Methods - Oxygen (Dissolved) - Membrane Electrode Method-(2016)
SM 4500-H+ B	Standard Methods - pH Value - Electrometric Method-(2011)
SM 4500-P E	Standard Methods - Phosphorus - Ascorbic Acid Method-(2011)
SM 4500-P B, E	Standard Methods - Phosphorus - Sample Preparation- (2011) /Standard Methods - Phosphorus - Ascorbic Acid Method-(2011)
SM 4500-S-2 D	Standard Methods - Sulfide - Methylene Blue Method- (2011)
TS 6291	Su kalitesi-Numune alma-Kisim 4: Göl ve göletlerden numune alma kuralları-(1989)

ARTEK accredited by TÜRKAK under registration number AB-0012-T for TS EN ISO/IEC 17025 as test laboratory. Turkish Accreditation Agency (TÜRKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports. The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report. Testing reports without signature are not valid. This report shall not be reproduced other than in full except with the permission of the laboratory. No part of this report can be used alone or separately. The results in the report is belong only to the sample examined. Sampling and transportation operations of the samples taken by our company were carried out in accordance with the Sampling Procedure, Sampling Instruction and sampling plan. Technical and legal responsibility in defining group and parameters intended of the procedures shall be on the company who takes sampling. The legal responsibility of the information provided by the customer belongs to the customer, our company waives the consequences resulting from this information. Electronic signed reports are signed with electronic signature in accordance with the Electronic Signature Law No. 5070.

Sayfa ( 1 / 2 )



Yeterlik Belge No  
Y-34/073/2020



**ARTEK MÜHENDİSLİK**  
**Çevre Ölçüm ve Danışmanlık Hiz. Tic. A.Ş.**  
**ÇEVRE LABORATUVARI**

AB-0012-T

IST.SU.21.0604072

07-21

**ANALYSIS REPORT**

<b>Company Name</b>	ACE Danışmanlık ve Mühendislik A.Ş.   ACE Consulting and Engineering Inc.		
<b>Report Number / Date</b>	IST.SU.21.0604072 / 06/07/2021		
<b>Analysis Parameters</b>	<b>Analysis Method</b>	<b>Unit</b>	<b>Analysis Result</b>
Conductivity (*y)	SM 2510 B	µS/cm	802
Ammonium (*)	SM 4500-NH3 B, F	mg/L	<0,02
Dissolved Oxygen Saturation Ratio (*y)	SM 4500-O G	%	88,5
Floride (*)	SM 4110 B	mg/L	0,471
Phosphate Phosphorus (*)	SM 4500-P E	mg/L	<0,005
Nitrate Nitrogene (*)	SM 4110 B	mg/L	<0,0226
Color (*)	SM 2120 C	Pt-Co	23
Sulfur (*)	SM 4500-S-2 D	mg/L	0,077
Total Phosphorus (*)	SM 4500-P B, E	mg/L	0,02
Total Kjeldahl Nitrogen (*)	SM 4500-Norg B	mg/L	1,97
pH (*y)	SM 4500-H+ B		7,52

\* Marked parameters are reported under accreditation and Ministry.  
(\*y) The marked parameters were measured on site by our authorized personel.

**Descriptions :** This report has been prepared in 1(one) copy and sent to the customer. This report is archived electronically by our laboratory.

**Signatures of Personel in**

**Özlem GÜLER**  
**Laboratory Unit Manager**  
**Digitally Signed**

**Melahat AYDIN**  
**Laboratory Manager**  
**Digitally Signed**

ARTEK accredited by TÜRKAK under registration number AB-0012-T for TS EN ISO/IEC 17025 as test laboratory. Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports. The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report. Testing reports without signature are not valid. This report shall not be reproduced other than in full except with the permission of the laboratory. No part of this report can be used alone or separately. The results in the report is belong only to the sample examined. Sampling and transportation operations of the samples taken by our company were carried out in accordance with the Sampling Procedure, Sampling Instruction and sampling plan. Technical and legal responsibility in defining group and parameters intended of the procedures shall be on the company who takes sampling. The legal responsibility of the information provided by the customer belongs to the customer, our company waives the consequences resulting from this information. Electronic signed reports are signed with electronic signature in accordance with the Electronic Signature Law No. 5070.

Sayfa ( 2 / 2 )



Test  
TS EN ISO/IEC 17025  
AB-0012-T

AB-0012-T

IST.SU.21.0604072.1

07-21

**ARTEK MÜHENDİSLİK**  
**Çevre Ölçüm ve Danışmanlık Hiz. Tic. A.Ş.**  
**ÇEVRE LABORATUVARI**

Mehmet Akif Mah. Elalmış Cad. Tarık Buğra Sok. No:15 - Ümraniye/Turkey  
Tel: +90 216 499 02 49 (Pbx) Faks: +90 216 499 28 68  
www.artekcevre.com.tr

**ANALYSIS REPORT**

<b>Report Number / Date</b>	IST.SU.21.0604072.1 / 06/07/2021		
<b>Company</b>	ACE Danışmanlık ve Mühendislik A.Ş.   ACE Consulting and Engineering Inc.		
<b>Company Address</b>	Seba Office Boulevard C Blok Ofis No: 42 Ayazaga Mh. Mimar Sinan Sk. No:21 34396 Sarıyer / İstanbul, Turkey		
<b>Sample Number</b>	IST.SU.21.0604072.1	<b>Sample Taken From</b>	GREEK 4
<b>Customer Sample No</b>		<b>Sampling Date - Time</b>	03/06/2021 09:30:00 03/06/2021 09:30:00
<b>Sample Type</b>	Water	<b>Handling Porcesses</b>	Cold Transport - Chemical Protect
<b>Sample Taken By</b>	ARTEK	<b>Sample Accepted On</b>	04/06/2021 - 17:00:00
<b>Sample Taken As</b>	Instant	<b>Analysis Conducted On</b>	04/06/2021 05/07/2021
<b>Sample Delivery</b>	Taking On Site	<b>Number of Pages</b>	2
<b>Quantity / Package</b>	5000 ml Glass / Plastic Container		

Koordinat: 41°07'52.23" K 28°38'22.63" D

Method Number	Method Name - Date
EPA 200.7	Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma Atomic Emission Spectrometry-(1994)
İşbirliği/Taşeron Laboratuvar Metodu	Cooperation Laboratory Method
SM 5210 B	Standard Methods - Biochemical Oxygen Demand (BOD) - 5 day-(2016)
SM 5220 B	Standard Methods - Chemical Oxygen Demand (COD) - Open Reflux Method-(2011)
SM 4500-Norg B, SM 4110 B ile Hesaplama	Standard Methods - Nitrogen (Organic) - Macro Kjeldahl Method-(2011)/Standard Methods - Determination of Anions by Ion Chromatography - with Chemical Suppression of Eluent Conductivity-(2011)
TS 6291	Su kalitesi-Numune alma-Kisim 4: Göl ve göletlerden numune alma kurallari-(1989)

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Sayfa ( 1 / 2 )

FORM NO:FR.510.01-02  
YAYIN TARİHİ:14.02.2013

REV.NO: 4  
REV.TAR.: 14.12.2020



ARTEK MÜHENDİSLİK  
Çevre Ölçüm ve Danışmanlık Hiz. Tic. A.Ş.  
ÇEVRE LABORATUVARI

AB-0012-T

IST.SU.21.0604072.1

07-21

ANALYSIS REPORT

Company Name	ACE Danışmanlık ve Mühendislik A.Ş.   ACE Consulting and Engineering Inc.		
Report Number / Date	IST.SU.21.0604072.1 / 06/07/2021		
Analysis Parameters	Analysis Method	Unit	Analysis Result
Biochemical Oxygen Demand (**)	SM 5210 B	mg/L	28,1
Chemical Oxygen Demand (**)	SM 5220 B	mg/L	78,4
Total Nitrogen (**)	SM 4500-Norg B, SM 4110 B ile Hesaplama	mg/L	2,02
Manganese (**)	EPA 200.7	mg/L	0,001
Selenium (**)	EPA 200.7	mg/L	<0,005
Oil and Grease (a)	Cooperation Laboratory Method	mg/L	19,2

(\*\*) The marked parameters are reported under accreditation and reported out off ministry.

(a) The marked parameters were analyzed by the collaboration laboratory.

**Descriptions :** This report has been prepared in 1(one) copy and sent to the customer. This report is archived electronically by our laboratory.

Signatures of Personel in Charge:

Özlem GÜLER  
Laboratory Unit Manager  
Digitally Signed

Melahat AYDIN  
Laboratory Manager  
Digitally Signed

ARTEK accredited by TÜRKAK under registration number AB-0012-T for TS EN ISO/IEC 17025 as test laboratory. Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports. The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report. Testing reports without signature are not valid. This report shall not be reproduced other than in full except with the permission of the laboratory. No part of this report can be used alone or separately. The results in the report is belong only to the sample examined. Sampling and transportation operations of the samples taken by our company were carried out in accordance with the Sampling Procedure, Sampling Instruction and sampling plan. Technical and legal responsibility in defining group and parameters intended of the procedures shall be on the company who takes sampling. The legal responsibility of the information provided by the customer belongs to the customer, our company waives the consequences resulting from this information. This report is not used in official processes in respect of environment legislatures. Electronic signed reports are signed with electronic signature in accordance with the Electronic Signature Law No. 5070.

Sayfa ( 2 / 2)



Yeterlik Belge No  
Y-34/073/2020



**ARTEK MÜHENDİSLİK**  
**Çevre Ölçüm ve Danışmanlık Hiz. Tic. A.Ş.**  
**ÇEVRE LABORATUVARI**

Mehmet Akif Mah. Elmalı Cad. Tarık Buğra Sok. No:15 - Ümraniye/Turkey  
Tel: +90 216 499 02 49 (Pbx) Faks: +90 216 499 28 68  
www.artekcevre.com.tr

Test TS EN ISO/IEC 17025 AB-0012-T
AB-0012-T
IST.SU.21.0604073
07-21

**ANALYSIS REPORT**

Report Number / Date	IST.SU.21.0604073 / 06/07/2021		
Company	ACE Danışmanlık ve Mühendislik A.Ş.   ACE Consulting and Engineering Inc.		
Company Address	Seba Office Boulevard C Blok Ofis No: 42 Ayazaga Mh. Mimar Sinan Sk. No:21 34396 Sarıyer / İstanbul, Turkey		
Sample Number	IST.SU.21.0604073	Sample Taken From	GREEK 5
Customer Sample No		Sampling Date - Time	03/06/2021 10:00:00 03/06/2021 10:00:00
Sample Type	Water	Handling Processes	Cold Transport - Chemical Protect
Sample Taken By	ARTEK	Sample Accepted On	04/06/2021 - 17:00:00
Sample Taken As	Instant	Analysis Conducted On	04/06/2021 05/07/2021
Sample Delivery	Taking On Site	Number of Pages	2
Quantity / Package	5000 ml Glass / Plastic Container		

Koordinat: 41°07'24.07" K 28°34'19.49" D

Method Number	Method Name - Date
SM 2120 C	Standard Methods - Colour -Spectrophotometric- Single- Wavelength Method-(2011)
SM 2510 B	Standard Methods - Conductivity - Laboratory Method-(2011)
SM 4110 B	Standard Methods - Determination of Anions by Ion Chromatography - with Chemical Suppression of Eluent Conductivity-(2011)
SM 4500-NH3 B, F	Standard Methods - Nitrogen (Ammonia) - Preliminary Distillation Step- (2011), Standard Methods - Phenate Method-(2011)
SM 4500-Norg B	Standard Methods - Nitrogen (Organic) - Macro Kjeldahl Method-(2011)
SM 4500-O G	Standard Methods - Oxygen (Dissolved) - Membrane Electrode Method-(2016)
SM 4500-H+ B	Standard Methods - pH Value - Electrometric Method-(2011)
SM 4500-P E	Standard Methods - Phosphorus - Ascorbic Acid Method-(2011)
SM 4500-P B, E	Standard Methods - Phosphorus - Sample Preparation- (2011) /Standard Methods - Phosphorus - Ascorbic Acid Method-(2011)
SM 4500-S-2 D	Standard Methods - Sulfide - Methylene Blue Method- (2011)
TS 6291	Su kalitesi-Numune alma-Kisim 4: Göl ve göletlerden numune alma kuralları-(1989)

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Sayfa ( 1 / 2 )

FORM NO:FR.510.01-01  
YAYIN TARİHİ:14.02.2013

REV.NO: 4  
REV.TARİHİ: 14.12.2020



Yeterlik Belge No  
Y-34/073/2020



**ARTEK MÜHENDİSLİK**  
**Çevre Ölçüm ve Danışmanlık Hiz. Tic. A.Ş.**  
**ÇEVRE LABORATUVARI**

AB-0012-T

IST.SU.21.0604073

07-21

**ANALYSIS REPORT**

<b>Company Name</b>	ACE Danışmanlık ve Mühendislik A.Ş.   ACE Consulting and Engineering Inc.		
<b>Report Number / Date</b>	IST.SU.21.0604073 / 06/07/2021		
<b>Analysis Parameters</b>	<b>Analysis Method</b>	<b>Unit</b>	<b>Analysis Result</b>
Conductivity (*y)	SM 2510 B	µS/cm	959
Ammonium (*)	SM 4500-NH3 B, F	mg/L	<0,02
Dissolved Oxygen Saturation Ratio (*y)	SM 4500-O G	%	84,4
Floride (*)	SM 4110 B	mg/L	0,255
Phosphate Phosphorus (*)	SM 4500-P E	mg/L	0,12
Nitrate Nitrogene (*)	SM 4110 B	mg/L	5,95
Color (*)	SM 2120 C	Pt-Co	<2,22
Sulfur (*)	SM 4500-S-2 D	mg/L	0,105
Total Phosphorus (*)	SM 4500-P B, E	mg/L	0,18
Total Kjeldahl Nitrogen (*)	SM 4500-Norg B	mg/L	1,88
pH (*y)	SM 4500-H+ B		7,35

\* Marked parameters are reported under accreditation and Ministry.  
(\*y) The marked parameters were measured on site by our authorized personel.

**Descriptions :** This report has been prepared in 1(one) copy and sent to the customer. This report is archived electronically by our laboratory.

**Signatures of Personel in**

**Özlem GÜLER**  
**Laboratory Unit Manager**  
**Digitally Signed**

**Melahat AYDIN**  
**Laboratory Manager**  
**Digitally Signed**

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Sayfa ( 2 / 2 )



Test  
TS EN ISO/IEC 17025  
AB-0012-T

AB-0012-T

IST.SU.21.0604073.1

07-21

**ARTEK MÜHENDİSLİK**  
**Çevre Ölçüm ve Danışmanlık Hiz. Tic. A.Ş.**  
**ÇEVRE LABORATUVARI**

Mehmet Akif Mah. Elalmış Cad. Tarık Buğra Sok. No:15 - Ümraniye/Turkey  
Tel: +90 216 499 02 49 (Pbx) Faks: +90 216 499 28 68  
www.artekcevre.com.tr

**ANALYSIS REPORT**

<b>Report Number / Date</b>	IST.SU.21.0604073.1 / 06/07/2021		
<b>Company</b>	ACE Danışmanlık ve Mühendislik A.Ş.   ACE Consulting and Engineering Inc.		
<b>Company Address</b>	Seba Office Boulevard C Blok Ofis No: 42 Ayazaga Mh. Mimar Sinan Sk. No:21 34396 Sarıyer / İstanbul, Turkey		
<b>Sample Number</b>	IST.SU.21.0604073.1	<b>Sample Taken From</b>	GREEK 5
<b>Customer Sample No</b>		<b>Sampling Date - Time</b>	03/06/2021 10:00:00 03/06/2021 10:00:00
<b>Sample Type</b>	Water	<b>Handling Porcesses</b>	Cold Transport - Chemical Protect
<b>Sample Taken By</b>	ARTEK	<b>Sample Accepted On</b>	04/06/2021 - 17:00:00
<b>Sample Taken As</b>	Instant	<b>Analysis Conducted On</b>	04/06/2021 05/07/2021
<b>Sample Delivery</b>	Taking On Site	<b>Number of Pages</b>	2
<b>Quantity / Package</b>	5000 ml Glass / Plastic Container		

Koordinat: 41°07'24.07" K 28°34'19.49" D

Method Number	Method Name - Date
EPA 200.7	Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma Atomic Emission Spectrometry-(1994)
İşbirliği/Taşeron Laboratuvar Metodu	Cooperation Laboratory Method
SM 5210 B	Standard Methods - Biochemical Oxygen Demand (BOD) - 5 day-(2016)
SM 5220 B	Standard Methods - Chemical Oxygen Demand (COD) - Open Reflux Method-(2011)
SM 4500-Norg B, SM 4110 B ile Hesaplama	Standard Methods - Nitrogen (Organic) - Macro Kjeldahl Method-(2011)/Standard Methods - Determination of Anions by Ion Chromatography - with Chemical Suppression of Eluent Conductivity-(2011)
TS 6291	Su kalitesi-Numune alma-Kisim 4: Göl ve göletlerden numune alma kuralları-(1989)

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Sayfa ( 1 / 2 )

FORM NO:FR.510.01-02  
YAYIN TARİHİ:14.02.2013

REV.NO: 4  
REV.TAR.: 14.12.2020



ARTEK MÜHENDİSLİK  
Çevre Ölçüm ve Danışmanlık Hiz. Tic. A.Ş.  
ÇEVRE LABORATUVARI

AB-0012-T

IST.SU.21.0604073.1

07-21

ANALYSIS REPORT

Company Name	ACE Danışmanlık ve Mühendislik A.Ş.   ACE Consulting and Engineering Inc.		
Report Number / Date	IST.SU.21.0604073.1 / 06/07/2021		
Analysis Parameters	Analysis Method	Unit	Analysis Result
Biochemical Oxygen Demand (**)	SM 5210 B	mg/L	7,1
Chemical Oxygen Demand (**)	SM 5220 B	mg/L	19,9
Total Nitrogen (**)	SM 4500-Norg B, SM 4110 B ile Hesaplama	mg/L	7,85
Manganese (**)	EPA 200.7	mg/L	<0,001
Selenium (**)	EPA 200.7	mg/L	<0,005
Oil and Grease (a)	Cooperation Laboratory Method	mg/L	0,14

(\*\*) The marked parameters are reported under accreditation and reported out off ministry.

(a) The marked parameters were analyzed by the collaboration laboratory.

**Descriptions :** This report has been prepared in 1(one) copy and sent to the customer. This report is archived electronically by our laboratory.

Signatures of Personel in Charge:

Özlem GÜLER  
Laboratory Unit Manager  
Digitally Signed

Melahat AYDIN  
Laboratory Manager  
Digitally Signed

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Sayfa ( 2 / 2)