



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

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

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AB-0012-T

ADN.SU.23.0802001

09-23

ANALYSIS REPORT

Report Number / Date	ADN.SU.23.0802001 / 05/09/2023	Rapor Onay Tarihi	
Company	MERSİN TARSUS ORGANİK ZE SANAYİ BÖLGE MÜDÜRLÜĞÜ		
Company Address	Nacarlı Köyü Mevkii PK.1 Tarsus/Mersin/Turkey		
Sample Number	ADN.SU.23.0802001	Sample Taken From	Müdüriyet Çay Ocağı
Customer Sample No		Sampling Date - Time	02/08/2023 11:30:00 02/08/2023 11:30:00
Sample Type	Water	Handling Processes	Cold Transport - Chemical Protect
Sample Taken By	ARTEK ADANA BRANCH	Sample Accepted On	02/08/2023 - 16:50:18
Sample Taken As	Instant	Analysis Conducted On	02/08/2023 10/08/2023
Sample Delivery	Taking On Site	Number of Pages	4
Quantity / Package	11500 ml Glass / Plastic / Sterile Container		

Water tests with seal number ALS ARTEK 17430 were purchased by our authorized sampling personnel.

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)
SM 2320 B	Standard Methods - Alkalinity - Titration Method-(2011)
SM 4500-Cl- B	Standard Methods - Chloride - Argentometric Method-(2011)
SM 2120 C	Standard Methods - Colour -Spectrophotometric- Single- Wavelength Method-(2011)
SM 2510 B	Standard Methods - Conductivity - Laboratory Method-(2011)
SM 4500-CN E	Standard Methods - Cyanide - Colorimetric Method-(2016)
SM 2160 B	Standard Methods - Flavor Threshold Test (FTT) (2011)
SM 4500-F B, D	Standard Methods - Fluoride - Preliminary Distillation Step (2011) /Standard Methods - SPADNS Method-(2011)
SM 2340 C	Standard Methods - Hardness - EDTA Titrimetric Method-(2011)
SM 3112 B	Standard Methods - Metals by Cold-Vapor Atomic Absorption Spectrometry-(2011)
SM 4500-NH3 B, F	Standard Methods - Nitrogen (Ammonia) - Preliminary Distillation Step- (2011), Standard Methods - Phenate Method-(2011)
SM 4500-NO3 E	Standard Methods - Nitrogen (Nitrate) - Cadmium Reduction Method-(2016)

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Sayfa



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Method Number	Method Name - Date
SM 4500-NO ₂ -B	Standard Methods - Nitrogen (Nitrite) - Colorimetric Method-(2011)
SM 2150 B	Standard Methods - Odor - Threshold Odor Test-(2011)
SM 4500-H ⁺ -B	Standard Methods - pH Value - Electrometric Method-(2011)
SM 4500-SO ₄ -2-E	Standard Methods - Sulfate - Turbidimetric Method-(2011)
SM 2130 B	Standard Methods - Turbidity - Nephelometric Method-(2011)
TS 6288 EN ISO 8467	Water Quality - Permanganate Index Determination
TS EN ISO 9308-1	Water Quality- Enumeration of Escherichia Coli and Coliform bacteria -Part 1: Membrane Filtrationmethod for waters with low bacterial background flora-(2014/A1:2017)

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Analysis Parameters	Analysis Method	Unit	Analysis Result
Nitrate (*)	SM 4500-NO3 E	mg/L	1,27
Alkalinity (**)	SM 2320 B	mg/L	270
Ammonium (*)	SM 4500-NH3 B, F	mg/L	0,05
Turbidity (**)	SM 2130 B	NTU	0,87
Fluoride (**)	SM 4500-F B, D	mg/L	0,2
Chloride (**)	SM 4500-Cl- B	mg/L	60
Odor (x)	SM 2150 B	TON	1
Nitrite (**)	SM 4500-NO2 B	mg/L	<0,006
pH (*y)	SM 4500-H+ B		8,2
Color (*)	SM 2120 C	Pt-Co	<5
Hardness (**)	SM 2340 C	mg CaCO3/L	130
Cyanide (x)	SM 4500-CN E	mg/L	<0,02
Sulfate (**)	SM 4500-SO4-2 E	mg/L	52
Taste (x)	SM 2160 B	FTN	1
Coliform Bacteria (**)	TS EN ISO 9308-1	cfu/100 mL	0
E.Coli (*)	TS EN ISO 9308-1	cfu/100 mL	0
İletkenlik (*y)	SM 2510 B	µS/cm	357
Oxidability (a)	TS 6288 EN ISO 8467	mg/L O2	<0,5
Aluminum (a)	EPA 200.7	mg/L	0,058
Copper (a)	EPA 200.7	mg/L	0,022
Boron (a)	EPA 200.7	mg/L	0,056
Mercury (a)	EPA 200.7	mg/L	<0,002
Iron (a)	EPA 200.7	mg/L	0,043
Cadmium (a)	EPA 200.7	mg/L	0,001
Chromium (a)	EPA 200.7	mg/L	0,002
Lead (a)	EPA 200.7	mg/L	<0,005

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Analysis Parameters	Analysis Method	Unit	Analysis Result
Sodium (a)	EPA 200.7	mg/L	7,666

(*,**) The marked parameters are reported under accreditation and reported out of ministry.

(x) Marked parameters are reported out of accreditation.

(*y) The marked parameters were measured on site by our authorized personnel.

(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 Personnel in

Esma TUFAN
Laboratory Unit Manager
Digitally Signed

Gizem KANAT
Branch Laboratory Manager
Digitally Signed

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