

R-94795-2025-001

01.25

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TEST REPORT

FACTORY INFORMATION

Name : KİPAŞ MENSUCAT İŞLETMELERİ A.Ş.

Address : Karacasu Karaziyaret F.S.M. Caddesi No: 1/A Dulkadiroğlu / KAHRAMANMARAŞ

Telephone / Fax : 0 344 236 38 00

VAT Office / Number : -

Application Date / Number : 10.09.2024 / T-94795-2024-02

SAMPLE INFORMATION

Sample Type : Wastewater

Sample Name : Untreated Wastewater Sample

Number of Samples : 1

Date of Sampling : 10.12.2024

Sampling Location : Untreated Wastewater (N: 37° 31'47.13'' - E: 36° 58'43.18'')

Sampling Method : 6 Hours Composite

Sample Arrival Type : Sampling by our Laboratory (Seal: 26977)

Sample Arrival Date : 11.12.2024

Sample ID : AS-11122024-005

Test Performing Period : 11.12.2024 - 26.12.2024

Report Date : 20.01.2025

Report Number : R-94795-2025-001

TYPE OF WASTEWATER DISCHARGE

Type of Wastewater Discharge : Direct Discharge

Average Total Industrial

 $335,28 \text{ m}^3/\text{day}$

Wastewater Generated

• 333,26 III /day

Sampling Method

: Composite Sample at (10:30 - 11:30 - 12:30 - 13:30 - 14:30 - 15:30 - 16:30)

Arrival Temperature at Lab : 5,1 °C

Comments : Samples received within 16 hours.

Sampler Accreditation Certification

Number

: ZDHC-A-24-E-C001068-R41DC-F4D05

Has the Parameter(s) Exceeded

Maximum Holding Time

: Not Exceeded

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Factory Name: KİPAŞ MENSUCAT İŞLETMELERİ	A C	Sample Name		1	Untreated Wastewar	ter Sample					
ractory Name. KIPAŞ MENSOCAT IŞLETMELEKI	A.ş.	Date of Sampling			10.12.202	4					
		Sampling Location			Untreated Wast	ewater					
Factory Address: Karacasu Karaziyaret F.S.M. Caddo	esi No: I/A	Sampling Start - End time	10:30 – 16:30								
Dulkadiroğlu / KAHRAMANMARAŞ		Sample Arrival Date			11.12.2024						
		Sample ID		1	AS-11122024	-005	т				
Items	CAS No.	Methods	Unit	Laboratory Reporting Limit	(V2.2) ZDHC Reporting Limit	Untreated Wastewater Sample Results	Has the Parameter(s) Exceeded the Maximum Holding Time				
ZDHC	MRSL WASTEWATER PARAME	TERS AND REPORTING	G LIMI	TS, TABLES 1	A - 1T						
Table 1A: Alkylphenol (AP) and Alkylphenol Ethox	cylates (APEOs): Including All Isomers										
Nonylphenol ethoxlates (NPEO)	Multiple Including 9016-45-9, 26027-38-3, 37205-87-1, 68412-54-4, 127087-87-0	ISO 18857-2				n.d.					
Nonylphenol (NP), mixed isomers	Multiple Including 104-40-5, 11066-49-2, 25154-52-3, 84852-15-3	ASTM D7065	,	0.5	Textile:5	n.d.	Maximum				
Octylphenol ethoxylates (OPEO)	Multiple Including 9002-93-1, 9036-19-5, 68987-90-6	ASTM D7065	μg/L	0,5	Leather:5	n.d.	holding time not exceeded				
Octylphenol (OP), mixed isomers	Multiple Including 140-66-9, 1806-26-4, 27193-28-8	ISO 18254-1				n.d.					
Table 1B : Antimicrobials and Biocides											
o-Phenylphenol (+salts)	90-43-7	USEPA 8270E + BS EN 12673-1999		1	Textile:100 Leather: Sample and Report	n.d.	Maximum				
Triclosan	3380-34-5	USEPA 8270E + BS EN 12673-1999	μg/L	0.01	Textile:100 Leather: 100	n.d.	holding time not exceeded				
Permethrin	Multiple including 52645-53-1	USEPA 8270E		0,01	Textile:500 Leather: 500	n.d.					
Table 1C : Chlorinated Paraffins											
Medium - Chain Chlorinated Paraffins (MCCPs) (C14-C17)	85535-85-9	USEPA 8270E + BS EN 12673-1999	_		Textile:500 Leather: 500	n.d.	Maximum				
Short - Chain Chlorinated Paraffin (SCCPs) (C10'- C13)	85535-84-8	USEPA 3510 + ISO 18219-2	μg/L	0,1	Textile:25 Leather: 25	n.d.	holding time not exceeded				
Table 1D : Chlorobenzenes and Chlorotoluenes											
Monochlorobenzene	108-90-7									n.d.	
1,2-Dichlorobenzene	95-50-1										n.d.
1,3-Dichlorobenzene	541-73-1					n.d.					
1,4-Dichlorobenzene	106-46-7					n.d.					
1,2,3-Trichlorobenzene	87-61-6					n.d.					
1,2,4-Trichlorobenzene	120-82-1					n.d.					
1,3,5-Trichlorobenzene	108-70-3					n.d.					
1,2,3,4-Tetrachlorobenzene	634-66-2					n.d.					
1,2,3,5-Tetrachlorobenzene	634-90-2		_		Textile:0,2	n.d.	Maximum				
1,2,4,5-Tetrachlorobenzene	95-94-3	USEPA 8270E	μg/L	0,02	Leather: 0,2	n.d.	holding time not exceeded				
Pentachlorobenzene	608-93-5					n.d.					
Hexachlorobenzene	118-74-1					n.d.					
2-Chlorotoluene	95-49-8					n.d.]				
3-Chlorotoluene	108-41-8					n.d.	-				
4-Chlorotoluene	106-43-4					n.d.					
2,3-Dichlorotoluene	32768-54-0					n.d.					
2,4-Dichlorotoluene	95-73-8							n.d.			
2,5-Dichlorotoluene	19398-61-9					n.d.					
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The state of the s		Sample Name		Ţ	Intreated Wastewat	er Sample		
Factory Name: KİPAŞ MENSUCAT İŞLETMELERİ	A.Ş.	Date of Sampling			10.12.202	1		
		Sampling Location			Untreated Waste	ewater		
Factory Address: Karacasu Karaziyaret F.S.M. Cadde	si No: 1/A	Sampling Start - End time			10:30 – 16:	30		
Dulkadiroğlu / KAHRAMANMARAŞ		Sample Arrival Date		11.12.2024				
		Sample ID		AS-11122024-005				
Items	CAS No.	Methods	Unit	Laboratory Reporting Limit	(V2.2) ZDHC Reporting Limit	Untreated Wastewater Sample Results	Has the Parameter(s) Exceeded the Maximum Holding Time	
2,6-Dichlorotoluene	118-69-4					n.d.		
3,4-Dichlorotoluene	95-75-0					n.d.		
3,5-Dichlorotoluene	25186-47-4					n.d.		
2,3,4-Trichlorotoluene	7359-72-0					n.d.		
2,3,6-Trichlorotoluene	2077-46-5					n.d.		
2,4,5-Trichlorotoluene	6639-30-1	USEPA 8270E	a/I	0,02	Textile:0,2	n.d.	Maximum holding time	
2,4,6-Trichlorotoluene	23749-65-7	USEFA 82/0E	μg/L	0,02	Leather: 0,2	n.d.	not exceeded	
3,4,5-Trichlorotoluene	21472-86-6					n.d.		
2,3,4,5-Tetrachlorotoluene	76057-12-0					n.d.		
2,3,5,6-Tetrachlorotoluene	875-40-1					n.d.		
2,3,4,6-Tetrachlorotoluene	29733-70-8					n.d.		
Pentachlorotoluene	877-11-2					n.d.		
Table 1E : Chlorophenols								
2-Chlorophenol	95-57-8					n.d.		
3-Chlorophenol	108-43-0					n.d.		
4-Chlorophenol	106-48-9					n.d.		
2,3-Dichlorophenol	576-24-9	_				n.d.		
2,4-Dichlorophenol	120-83-2					n.d.		
2,5-Dichlorophenol	583-78-8					n.d.		
2,6-Dichlorophenol	87-65-0					n.d.		
3,4-Dichlorophenol	95-77-2	_				n.d.		
3,5-Dichlorophenol	591-35-5	_		0,5		n.d.	Maximum	
2,3,4-Trichlorophenol	15950-66-0	USEPA 3510C+ EPA 8041A	μg/L		Textile:0,5 Leather: 0,5	n.d.	holding time not exceeded	
2,3,5-Trichlorophenol	933-78-8	_				n.d.		
2,3,6-Trichlorophenol	933-75-5	_				n.d.		
2,4,5-Trichlorophenol	95-95-4	_				n.d.		
2,4,6-Trichlorophenol	88-06-2					n.d.		
3,4,5-Trichlorophenol	609-19-8					n.d.		
2,3,4,5-Tetrachlorophenol	4901-51-3					n.d.		
2,3,4,6-Tetrachlorophenol	58-90-2						n.d.	
2,3,5,6-Tetrachlorophenol	935-95-5					n.d.		
Pentachlorophenol	87-86-5					n.d.		



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Factory Name: KİPAŞ MENSUCAT İŞLETMELERİ	A.Ş.	Sample Name		1	Untreated Wastewat	er Sample	
, ,	,	Date of Sampling			10.12.2024	1	
Factory Address: Karacasu Karaziyaret F.S.M. Caddo	aci No. 1/A	Sampling Location			Untreated Waste	ewater	
	251 140. 1/14	Sampling Start - End time			10:30 – 16:3	30	
Dulkadiroğlu / KAHRAMANMARAŞ		Sample Arrival Date	re 11.12.2024				
	Г	Sample ID		1	AS-11122024		
Items	CAS No.	Methods	Unit	Laboratory Reporting Limit	(V2.2) ZDHC Reporting Limit	Untreated Wastewater Sample Results	Has the Parameter(s) Exceeded the Maximum Holding Time
Table 1F: N,N-di-methylformamide (DMFa)							
Dimethyl formamide; N,N-dimethylformamide (DMFa)	68-12-2	EPA 5030 + EPA8260	μg/L	10	Textile:1000 Leather: Sample and Report	n.d.	Maximum holding time not exceeded
Table 1G: Dyes - Carcinogenic or Equivalent Conc	ern						
Basic violet 3 with >0.1% of Michler's Ketone	548-62-9					n.d.	
C.I. Acid Red 26	3761-53-3					n.d.	
C.I. Acid Violet 49	1694-09-3					n.d.	
C.I. Basic Blue 26 (with Michler's Ketone > 0.1%)	2580-56-5					n.d.	
C.I. Basic Green 4 (Malachite Green Chloride	569-64-2					n.d.	
C.I. Basic Green 4 (Malachite Green Oxalate)	2437-29-8				T	n.d.	
C.I. Basic Green 4 (Malachite Green)	10309-95-2					n.d.	Maximum holding time not exceeded
C.I. Basic Red 9	569-61-9	DIN 54231	μg/L	20	Textile:500 Leather: 500	n.d.	
C.I. Basic Violet 14	632-99-5					n.d.	
C.I. Direct Black 38	1937-37-7					n.d.	
C.I. Direct Blue 6	2602-46-2					n.d.	
C.I. Direct Red 28	573-58-0					n.d.	
C.I. Disperse Blue 1	2475-45-8					n.d.	
C.I. Disperse Blue 3	2475-46-9					n.d.	
C.I. Disperse Orange 11	82-28-0					n.d.	
Table 1H : Dyes - Disperse (Allergenic)							
Disperse Blue 102	12222-97-8					n.d.	
Disperse Blue 106	12223-01-7					n.d.	
Disperse Blue 124	61951-51-7					n.d.	
Disperse Blue 26	3860-63-7					n.d.	
Disperse Blue 35	12222-75-2, 56524-77-7					n.d.	
Disperse Blue 7	3179-90-6	With Reference to In House				n.d.	
Disperse Brown 1	23355-64-8	T512 (Modified from DIN 54231) ZDHC Wastewater	μg/L	20	Textile:50 Leather: NA	n.d.	Maximum holding time
Disperse Orange 1	2581-69-3	Guidelines followed by LC-MS/MS analysis				n.d.	not exceeded
Disperse Orange 3	730-40-5					n.d.	
Disperse Orange 37/59/76	13301-61-6					n.d.	
Disperse Red 1	2872-52-8					n.d.	
Disperse Red 11	2872-48-2]					n.d.
Disperse Red 17	3179-89-3					n.d.	
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Factory Name: KİPAŞ MENSUCAT İŞLETMELERİ	ΔS	Sample Name		τ	Untreated Wastewar	er Sample	
racory manie. Rifaș Mensocai iște i Meteri	r.y.	Date of Sampling			10.12.202	4	
	137 477	Sampling Location			Untreated Wast	ewater	
Factory Address: Karacasu Karaziyaret F.S.M. Cadde	esi No: I/A	Sampling Start - End time			10:30 – 16:	30	
Dulkadiroğlu / KAHRAMANMARAŞ		Sample Arrival Date			11.12.202	4	
	,	Sample ID			AS-11122024	-005	
Items	CAS No.	Methods	Unit	Laboratory Reporting Limit	(V2.2) ZDHC Reporting Limit	Untreated Wastewater Sample Results	Has the Parameter(s) Exceeded the Maximum Holding Time
Disperse Yellow 1	119-15-3					n.d.	
Disperse Yellow 3	2832-40-8	With Reference to In House T512 (Modified from DIN				n.d.	Maximum
Disperse Yellow 39	12236-29-2	54231) ZDHC Wastewater Guidelines followed by	μg/L	20	Textile:50 Leather: NA	n.d.	holding time not exceeded
Disperse Yellow 49	54824-37-2	LC-MS/MS analysis				n.d.	not exceeded
Disperse Yellow 9	6373-73-5					n.d.	
Table 1I : Dyes - Navy Blue Colourant							
Component 1: C39H23Cl-CrN7O12S 2Na Component 2: C46H-30CrN10O20S2 3Na	118685-33-9 Not Allocated	DIN 54231	μg/L	20	Textile: NA Leather: NA	This group is Not Applicable for testing in wastewater	-
Table 1J : Flame Retardants							
2,2-bis(bromomethyl)- 1,3-propanediol (BBMP)	3296-90-0			0,1		n.d.	
Bis(2,3-dibromopropyl) phosphate (BDBPP)	5412-25-9			0,1		n.d.	
Decabromodiphenyl ether (DecaBDE)	1163-19-5			0,03		n.d.	
Hexabromocyclodecane (HBCDD)	3194-55-6			0,03		n.d.	
Octabromodiphenyl ether (OctaBDE)	32536-52-0			0,03		n.d.	
Pentabromodiphenyl ether (PentaBDE)	32534-81-9			0,03		n.d.	
Polybromobiphenyls (PBB)	59536-65-1			0,03		n.d.	
Tetrabromobisphenol A (TBBPA)	79-94-7			0,1		n.d.	
Tris-(2-chloro-1-methylethyl) phosphate (TCPP)	13674-84-5			0,2		n.d.	
Tris(1-aziridinyl) phosphine oxide) (TEPA)	545-55-1			0,1		n.d.	
Tris(1,3-dichloro-isopropyl) phosphate (TDCP)	13674-87-8			0,1		n.d.	
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	USEPA 8270E	μg/L	0,1	Textile:25 Leather:25	n.d.	Maximum holding time
Tris(2,3,-dibromopropyl)- phosphate (TRIS)	126-72-7			0,1		n.d.	not exceeded
Decabromobiphenyl (DecaBB)	13654-09-6			0,03		n.d.	
Dibromobiphenyls (DiBB)	Molkinla			0,03		n.d.	
Octabromobiphenyls (OctaBB)	Multiple			0,03		n.d.	
Dibromopropylether	21850-44-2			0,03		n.d.	
Heptabromodiphenyl ether (HeptaBDE)	68928-80-3			0,03		n.d.	
Hexabromodiphenyl ether (HexaBDE)	36483-60-0			0,03		n.d.	
Monobromobiphenyls (MonoBB)				0,03		n.d.	
Monobromodiphenylethers (MonoBDEs)	Multiple			0,03		n.d.	
Nonabromobiphenyls (NonaBB)				0,03		n.d.	
Nonabromodiphenyl ether (NonaBDE)	63936-56-1			0,03		n.d.	



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Part of Sumpling			Sample Name		Ţ	Untreated Wastewa	ter Sample	
Section Matrice Management Sun Casar Same Sundigning of National Andrews	Factory Name: KİPAŞ MENSUCAT İŞLETMELERİ	A.Ş.	Date of Sampling			10.12.202	4	
Partianting FARIRAMANNARAS Partial Pa			Sampling Location			Untreated Wast	ewater	
Daily Activities (Park (Factory Address: Karacasu Karaziyaret F.S.M. Caddo	esi No: 1/A				10:30 – 16:	30	
Note Carbon Car	Dulkadiroğlu / KAHRAMANMARAŞ							
Recent R			Sample ID			AS-11122024	-005	
Disconsecution Disc	Items	CAS No.	Methods	Unit	Reporting	Reporting	Wastewater Sample	Parameter(s) Exceeded the Maximum
Tribonomoliphenylethen (TriBDEs) Multiple Multiple Multiple Multiple Multiple Multiple including 867-36-7	Tetrabromodiphenyl ether (TetraBDE)	40088-47-9	LICEDA CAZOE	Л	0.02	Textile:25	n.d.	
Discolum resisting	Tribromodiphenylethers (TriBDEs)	Multiple	USEPA 82/0E	μg/L	0,03	Leather:25	n.d.	
Disodium cetaborate 12008-41-2 1303-96-4, 1330-43-4 1303-96-4, 1330-43-4 1303-96-4, 1330-43-4 1303-96-4, 1330-43-4 1308-96-4, 1330-43-4 1308-96-4, 1330-43-4 1308-96-4, 1330-43-4 1308-96-4, 1330-43-4 1308-96-4, 1330-43-4 1308-96-4, 1330-43-4 1308-96-4, 1330-43-4 1308-96-4, 1330-43-4 1308-96-4, 1330-43-4 1308-96-4, 1330-43-4 1308-96-4, 1330-43-4 1308-96-4, 1330-43-4 1308-96-4, 1330-43-4 1308-96-4, 1330-43-4 1308-96-4, 1330-43-4 1308-96-4, 1330-43-4 1308-96-4, 1308-96-4, 1308-96-4 1308-96-4, 1308-96-4 1308-96-4, 1308-96	Boric acid	10043-35-3, 11113-50-1						
Disodium cetaborate 12008-41-2 1303-96-4, 1330-43-4 1303-96-4, 1330-43-4 1303-96-4, 1330-43-4 1303-96-4, 1330-43-4 1303-96-4, 1330-43-4 1303-96-4, 1330-43-4 1303-96-4, 1330-43-4 1303-96-4, 1330-43-4 1303-96-4, 1330-43-4 1303-96-4, 1330-43-4 1303-96-4, 1330-43-4 1303-96-4, 1330-43-4 1303-96-4, 1330-43-4 1303-96-4 130	Diboron trioxide	1303-86-2						
Disodium terahorus anhydrous 1301-96-4, 1330-43-4 12267-73-1	Disodium octaborate	12008-41-2	6010D,	μg/L	50		n.d.	holding time
Table IX : Glycols / Glycol Ethers	Disodium tetraborate anhydrous	1303-96-4, 1330-43-4	ISO 11885					not exceeded
2-cthoxyethanol 110-80-5 2-cthoxyethyla cetate 111-15-9 2-cthoxyethyla cetate 110-49-6 2-cthoxyethylacetate 110-49-6 2-cthoxyethylacetate 110-49-6 2-cthoxyethylacetate 110-49-6 2-cthoxyethylacetate 110-49-6 2-cthoxyethylacetate 110-49-6 2-cthoxyethylacetate 110-71-4 2-cthoxyethylacetate 110-71-4 2-cthoxyethylacetate 2-cth	Tetraboron disodium heptaoxide, hydrate	12267-73-1						
2-choxyethyla cetate 111-15-9 2-choxyethyla cetate 110-49-6 2-choxyethylacetate 110-49-6 2-choxyethylacetate 110-49-6 2-choxyethylacetate 110-71-4 2-choxyethylacetate 110-71-4 2-choxyethylacetate 110-71-4 2-choxyethylacetate 110-71-4 2-choxyethylacetate 110-71-4 2-choxyethylacetate 110-71-4 2-choxyethylacetate 110-71-4 2-choxyethylacetate 2-choxyethylacetate 110-71-4 2-choxyethylacetate 2-choxyethylacet	Table 1K : Glycols / Glycol Ethers							
Description Compounds (TeBT) Description Compounds (TeBT)	2-ethoxyethanol	110-80-5			0,1		n.d.	
Description of the compounds of the compounds of the compounds (February	2-ethoxyethyl acetate	111-15-9			0,2		n.d.	holding time
Leather Lea	2-methoxyethanol	109-86-4			0,2		n.d.	
2-methoxypropylacetate 70657-70-4 Bis(2-methoxypethyl)-ether 111-96-6 111-96-6 0,1 0,2 1-methylene glycol dimethyl ether 111-91-4 0,2 1-methylene glycol dimethyl ether 111-49-2 USEPA 5030 C 2003 + USEPA 8260 D 2017 1-methylene glycol dimethyl ether 112-49-2 USEPA 5030 C 2003 + USEPA 8260 D 2017 1-methylene glycol dimethyl ether 117-18-4 USEPA 8260 D 2017 1-methylene glycol dimethyl ether 117-18-4 USEPA 8260 D 2017 1-methylene glycol dimethyl ether 127-18-4 USEPA 8260 D 2017 1-methylene glycol dimethylene 127-18-4 USEPA 8260 D 2017 1-methylene glycol dimethylene 127-18-4 USEPA 8260 D 2017 1-methylene glycol dimethylene 127-18-4 USEPA 8260 D 2017 1-methylene glycol dimethylene 127-18-4 USEPA 8260 D 2017 1-methylene glycol dimethylene 127-18-4 USEPA 8260 D 2017 1-methylene glycol dimethylene 127-18-4 USEPA 8260 D 2017 1-methylene glycol dimethylene glycol dimethylene glycol dimethylene glycol dimethylene glycol dimethylene glycol dimethylene glycol dimethylene glycol dimethylene glycol dimethylene glycol	2-methoxyethylacetate	110-49-6			0,1		n.d.	
Ethylene glycol dimethyl ether 110-71-4 0,2 0,1 1.0	2-methoxypropylacetate	70657-70-4	USEPA 8270E	μg/L	0,2		n.d.	
Triethylene glycol dimethyl ether 112-49-2 0,1 n.d.	Bis(2-methoxyethyl)-ether	111-96-6			0,1		n.d.	
1.2-dichloroethane 107-06-2 USEPA 5030 C 2003 + USEPA 8260 D 2017	Ethylene glycol dimethyl ether	110-71-4			0,2		n.d.	
1,2-dichloroethane	Triethylene glycol dimethyl ether	112-49-2			0,1		n.d.	
Methylene chloride Totachloroethylene Totach	Table 1L : Halogenated Solvents							
Tetrachloroethylene 127-18-4 USEPA 8260D μg/L 1 Leather:1 Leather:1 n.d. holding time not exceeded	1,2-dichloroethane	107-06-2					n.d.	
Tetrachloroethylene 127-18-4 USEPA 8260D	Methylene chloride	75-09-2		а/Т	1	Textile:1	n.d.	
Table 1M : Organotin Compounds Dipropyltin compounds (DPT) Multiple including 867-36-7 Mono-, di- and tri-butyltin derivatives Multiple including 993-16-8, 753-73-1, 1066-45-1 Mono-, di- and tri-octyltin derivatives Multiple including 3091-25-6, 3542-36-7, 2587-76-0 Mono-, di- and tri-phenyltin derivatives Multiple including 1124-19-2, 1135-99-5, 639-58-7 Tetrabutyltin Compounds (TeBT) Multiple including 1461-25-2 Multiple including 1461-25-2	Tetrachloroethylene	127-18-4	USEPA 8260D	μg/L	1	Leather:1	n.d.	
Dipropyltin compounds (DPT) Multiple including 867-36-7 Mono-, di- and tri-butyltin derivatives Multiple including 993-16-8, 753-73-1, 1066-45-1 Mono-, di- and tri-octyltin derivatives Multiple including 3091-25-6, 3542-36-7, 2587-76-0 Mono-, di- and tri-phenyltin derivatives Multiple including 1124-19-2, 1135-99-5, 639-58-7 Tetrabutyltin Compounds (TeBT) Multiple including 1461-25-2 Multiple including 1461-25-2	Trichloroethylene	79-01-6					n.d.	
Mono-, di- and tri-butyltin derivatives Multiple including 9118-46-3, 1461-22-9 Mono-, di- and tri-methyltin derivatives Multiple including 993-16-8, 753-73-1, 1066-45-1 Mono-, di- and tri-octyltin derivatives Multiple including 3091-25-6, 3542-36-7, 2587-76-0 Mono-, di- and tri-phenyltin derivatives Multiple including 1124-19-2, 1135-99-5, 639-58-7 Tetrabutyltin Compounds (TeBT) Multiple including 1461-25-2 ISO 17353 µg/L 0,01 Textile:0,01 Leather: 0,01 n.d. Maximum holding time not exceeded	Table 1M : Organotin Compounds							
Mono-, di- and tri-methyltin derivatives Multiple including 993-16-8, 753-73-1, 1066-45-1 Mono-, di- and tri-octyltin derivatives Multiple including 3091-25-6, 3542-36-7, 2587-76-0 Mono-, di- and tri-phenyltin derivatives Multiple including 1124-19-2, 1135-99-5, 639-58-7 Tetrabutyltin Compounds (TeBT) Multiple including 1461-25-2 ISO 17353 ISO 17353 Ind. Maximum holding time not exceeded	Dipropyltin compounds (DPT)	Multiple including 867-36-7					n.d.	
Mono-, di- and tri-metnyitin derivatives 1066-45-1 Mono-, di- and tri-octyltin derivatives Multiple including 3091-25-6, 3542-36-7, 2587-76-0 Mono-, di- and tri-phenyltin derivatives Multiple including 1124-19-2, 1135-99-5, 639-58-7 Tetrabutyltin Compounds (TeBT) Multiple including 1461-25-2 ISO 17353 Maximum holding time not exceeded	Mono-, di- and tri-butyltin derivatives	Multiple including 1118-46-3, 1461-22-9					n.d.	
Mono-, di- and tri-octyltin derivativesMultiple including 3091-25-6, 3542-36-7, 2587-76-0ISO 17353μg/Ln.d.Mono-, di- and tri-phenyltin derivativesMultiple including 1124-19-2, 1135-99-5, 639-58-7ISO 17353μg/L0,01Textile:0,01 Leather: 0,01n.d.Tetrabutyltin Compounds (TeBT)Multiple including 1461-25-2n.d.n.d.mot exceeded	Mono-, di- and tri-methyltin derivatives						n.d.	
Mono-, di- and tri-phenyltin derivativesMultiple including 1124-19-2, 1135-99-5, 639-58-7ISO 17353μg/L0,01Textile:0,01 Leather: 0,01n.d.Maximum holding time not exceededTetrabutyltin Compounds (TeBT)Multiple including 1461-25-2n.d.n.d.n.d.m.d.	Mono-, di- and tri-octyltin derivatives	Multiple including 3091-25-6, 3542-36-7,					n.d.	
Tetrabutyltin Compounds (TeBT) Multiple including 1461-25-2 ISO 17353 µg/L 0,01 Leather: 0,01 n.d. holding time not exceeded	Mono-, di- and tri-phenyltin derivatives	Multiple including 1124-19-2, 1135-99-5,		_		Textile:0.01	n.d.	
Tripropyltin Compounds (TPT) Multiple including 2279-76-7 n.d.	Tetrabutyltin Compounds (TeBT)		ISO 17353	μg/L	0,01		n.d.	
	Tripropyltin Compounds (TPT)	Multiple including 2279-76-7					n.d.	
Tetraoctyltin Compounds (TeOT) Multiple including 3590-84-9 n.d.	Tetraoctyltin Compounds (TeOT)	Multiple including 3590-84-9					n.d.	
Tricyclohexyltin (TCyHT) Multiple including 3091-32-5 n.d.	Tricyclohexyltin (TCyHT)	Multiple including 3091-32-5					n.d.	
Tetraethyltin Compounds (TeET) Multiple including 597-64-8 n.d.	Tetraethyltin Compounds (TeET)	Multiple including 597-64-8					n.d.	-



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		Sample Name		Ţ	Intreated Wastewat	er Sample			
Factory Name: KİPAŞ MENSUCAT İŞLETMELERİ	A.Ş.	Date of Sampling			10.12.2024	•			
		Sampling Location			Untreated Waste	ewater			
Factory Address: Karacasu Karaziyaret F.S.M. Cadde	si No: 1/A	Sampling Start - End time		10:30 – 16:30					
Dulkadiroğlu / KAHRAMANMARAŞ		Sample Arrival Date		11.12.2024					
		Sample ID			-005				
Items	CAS No.	Methods	Unit	Laboratory Reporting Limit	(V2.2) ZDHC Reporting Limit	Untreated Wastewater Sample Results	Has the Parameter(s) Exceeded the Maximum Holding Time		
Table 1N : Other/Miscellaneous Chemicals									
AEEA [2-(2-aminoethylamino)ethanol]	111-41-1	EPA 538		10	Textile:500 Leather: 500	n.d.			
Bisphenol A	80-05-7	DIN EN ISO 18254-1		0,1	Textile:10 Leather: 10	n.d.			
Thiourea	62-56-6	EPA 538	μg/L	10	Textile:50 Leather: 50	n.d.	Maximum holding time		
Quinoline	91-22-5	EPA 538		10	Textile:50 Leather: 50	n.d.	not exceeded		
Borate, zinc salt	12767-90-7	USEPA 3050 + USEPA 6010D		10	Textile:100 Leather: 100	B: n.d. Zn: n.d.			
Table 1O: Perfluorinated and Polyfluorinated Chem	nicals (PFCs)								
Perfluorooctane sulfonate (PFOS) and related substances	Multiple including 1763-23-1				Textile:0,01 Leather: 0,01	n.d.	Maximum		
Perfluorooctanoic acid (PFOA) and related substances	Multiple including 335-67-1	DIN 38407-42 (Modified)	μg/L	0,0006	Textile:1 Leather: 1	n.d.	holding time not exceeded		
Table 1P : Phthalates – Including All Other Esters of	f Ortho-Phthalic Acid								
1,2-benzenedicarboxylic acid, di-C6-8 branched and liearalkyl esters, C7-rich (DIHP)	71888-89-6, 84777-06-0					n.d.			
1,2-benzenedicarboxylic acid, di-C7-11 branched and licaralkyl esters (DHNUP)	68515-42-4, 68515-50-4					n.d.			
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8					n.d.			
Butyl benzyl phthalate (BBP)	85-68-7					n.d.			
Di-cyclohexyl phthalate (DCHP)	84-61-7					n.d.			
Di-iso-decyl phthalate (DIDP)	26761-40-0					n.d.			
Di-iso-octyl phthalate (DIOP)	27554-26-3					n.d.			
Di-isobutyl phthalate (DIBP)	84-69-5					n.d.			
Di-isononyl phthalate (DINP)	28553-12-0	USEPA 3510C 1996 +	7	0.5	Textile:10	n.d.	Maximum		
Di-n-hexyl phthalate (DnHP)	84-75-3	USEPA 8270E 2017	μg/L	0,5	Leather: 10	n.d.	holding time not exceeded		
Di-n-octyl phthalate (DNOP	117-84-0					n.d.			
Di-n-pentylphthalates	131-18-0					n.d.			
Di-n-propyl phthalate (DPRP)	131-16-8					n.d.			
Di(ethylhexyl) phthalate (DEHP)	117-81-7					n.d.			
Dibutyl phthalate (DBP)	84-74-2					n.d.			
Diethyl phthalate (DEP)	84-66-2					n.d.			
Diisopentylphthalates	605-50-5					n.d.			
Dinonyl phthalate (DNP)	84-76-4					n.d.			
Table 1Q : Polycyclic Aromatic Hydrocarbons (PAH	s)								
Acenaphthene	83-32-9					n.d.			
Acenaphthylene	208-96-8	USEPA 3510C 1996 + USEPA 8270E 2017	μg/L	0,02	Textile:1 Leather: 1	n.d.	Maximum holding time		
Anthracene	120-12-7					n.d.	not exceeded		
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		Sample Name		Ţ	Intreated Wastewat	er Sample	
Factory Name: KİPAŞ MENSUCAT İŞLETMELERİ	A.Ş.	Date of Sampling			10.12.202	1	
		Sampling Location			Untreated Waste	ewater	
Factory Address: Karacasu Karaziyaret F.S.M. Cadde	esi No: 1/A	Sampling Start - End time			10:30 – 16:	30	
Dulkadiroğlu / KAHRAMANMARAŞ		Sample Arrival Date			11.12.2024	1	
		Sample ID			AS-11122024	-005	
Items	CAS No.	Methods	Unit	Laboratory Reporting Limit	(V2.2) ZDHC Reporting Limit	Untreated Wastewater Sample Results	Has the Parameter(s) Exceeded the Maximum Holding Time
Benzo[a]anthracene	56-55-3					n.d.	
Benzo[a]pyrene (BaP)	50-32-8					n.d.	
Benzo[b]fluoranthene	205-99-2					n.d.	
Benzo[e]pyrene	192-97-2					n.d.	
Benzo[ghi]perylene	191-24-2					n.d.	
Benzo[j]fluoranthene	205-82-3					n.d.	
Benzo[k]fluoranthene	207-08-9	-				n.d.	
Chrysene	218-01-9	USEPA 3510C 1996 + USEPA 8270E 2017	μg/L	0,02	Textile:1 Leather: 1	n.d.	Maximum holding time
Dibenz[a,h]anthracene	53-70-3	OSEIT 02/02 2017			Leather. 1	n.d.	not exceeded
Fluoranthene	206-44-0					n.d.	
Fluorene	86-73-7					n.d.	
Indeno[1,2,3-cd]pyrene	193-39-5					n.d.	
Naphthalene	91-20-3					n.d.	
Phenanthrene	85-01-8					n.d.	
Pyrene	129-00-0	-				n.d.	
Table 1R : Restricted Aromatic Amines (Cleavable f	rom Azo-Colourants)						
2-naphthylamine	91-59-8					n.d.	
2-Naphthylammoniumacetate	553-00-4					n.d.	
2,4-xylidine	95-68-1					n.d.	
2,4,5-trimethylaniline	137-17-7					n.d.	
2,4,5-trimethylaniline hydrochloride	21436-97-5					n.d.	
2,6-xylidine	87-62-7					n.d.	
3,3'-dichlorobenzidine	91-94-1					n.d.	
3,3-dimethoxylbenzidine	119-90-4					n.d.	Maximum
3,3-dimethylbenzidine	119-93-7	USEPA 8270E	μg/L	0,1	Textile:0,1 Leather: 0,1	n.d.	holding time not exceeded
4-aminoazobenzene	60-09-3					n.d.	not exceeded
4-aminodiphenyl	92-67-1					n.d.	
4-chloro-o-toluidine	95-69-2					n.d.	
4-chloro-o-toluidinium chloride	3165-93-3]				n.d.	
4-chloroaniline	106-47-8					n.d.	_
4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate	39156-41-7]			n.d.		
4-methoxy-m-phenylenediamine	615-05-4					n.d.	
4-methyl-m-phenylenediamine	95-80-7					n.d.	



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Factory Name: KİPAŞ MENSUCAT İŞLETMELERİ	Δς	Sample Name			Intreated Wastewat	ter Sample				
ractory ivame. Kit Aş iviENSUCAT IŞLETIVIELERI	11.Ģ.	Date of Sampling			10.12.202	4				
		Sampling Location			Untreated Waste	ewater				
Factory Address: Karacasu Karaziyaret F.S.M. Cadde	esi No: 1/A	Sampling Start - End time	10:30 – 16:30							
Dulkadiroğlu / KAHRAMANMARAŞ		Sample Arrival Date			11.12.202	4				
		Sample ID			AS-11122024	-005				
Items	CAS No.	Methods	Unit	Laboratory Reporting Limit	(V2.2) ZDHC Reporting Limit	Untreated Wastewater Sample Results	Has the Parameter(s) Exceeded the Maximum Holding Time			
4,4-methylenebis-(2-chloro-aniline)	101-14-4					n.d.				
4,4-methylenedi-o-toluidine	838-88-0					n.d.				
4,4-methylenedianiline	101-77-9					n.d.				
4,4-oxydianiline	101-80-4					n.d.				
4,4-thiodianiline	139-65-1					n.d.	37.			
5-nitro-o-toluidine	99-55-8	USEPA 8270E	μg/L	0,1	Textile:0,1 Leather: 0,1	n.d.	Maximum holding time not exceeded			
6-methoxy-m-toluidine	120-71-8					n.d.				
Benzidine	92-87-5					n.d.				
o-aminoazotoluene	97-56-3					n.d.				
o-anisidine	90-04-0						n.d.			
o-toluidine	95-53-4					n.d.				
Table 1S: UV Absorbers										
2-(2H-benzotriazol-2-yl) - 4-(tert-butyl)- 6-(sec- butyl) phenol (UV-350)	36437-37-3					n.d.				
2-(2H-benzotriazol-2-yl) - 4,6- ditertpentylphenol (UV-328)	25973-55-1	USEPA 8270	μg/L	1	Textile:100	n.d.	Maximum holding time			
2-benzotriazol-2-yl-4,6-di-tertbutylphenol (UV-320)	3846-71-7	USEFA 82/0	μg/L	1	Leather: 100	n.d.	not exceeded			
2,4-Di-tert-butyl- 6-(5- chlorobenzotriazole-2-yl) Phenol (UV-327)	3864-99-1					n.d.				
Table 1T : Volatile Organic Compounds (VOC)										
Benzene	71-43-2	HGEDA 93COD				n.d.				
Xylene	1330-20-7	USEPA 8260D		1		n.d.				
Toluene	108-88-3	EPA 8260 D	пе/т		Textile:1	n.d.	Maximum			
m-cresol	108-39-4		μg/L			Leather: 1	Leather: 1	n.d.	holding time not exceeded	
o-cresol	95-48-7	USEPA 3510C + EPA 8041A		0,5	Untreated Wastewater					
p-cresol	106-44-5					n.d.				

Remarks: N.D. = Not Detected , NA = Not Applicable



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Sampling Photos







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ZDHC Wastewater Sampling Field Data Form

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Kezar Karik Sayas	Far	9. ₄	A STREET AND A STR	MENSUCAT IŞLETMELERÜ A.Ş ACASU KARAZIYARET, FATIH SULTAN MERMET CADDESI I/A, 4690 DULKADİROĞLU / KABRAM. Fati 934(2363900) Vergi: Koonformler: 37°31'. U.T. 13" — 56°55	ANMARAS	to W	Verserals	Alma Nobi Admir Ami Sahit Nom	ini di. ini: A.A na: ZDH name Tesi	T GRIS	7.1 Siteneses	
Arzzi Ölçümleri	Su-Acidene-U Serya, Jense Kafferimu S Namune Taprak Num Kati Atik Nu	Nemia Seksiir 1 i vi Numume layar ii Contran Toprak i Zirvar Y	Table Nac 2009C WWG V3 Scraklege 33.2 nc les Oksijen (mg/L) 4.6 orfiliĝine sebeja olan madde aprilyor 3 EVET (. Se	pre 9.62 Elektrical Betceriffe 8420 pt Official Daygonk-Boths 67.18 Denish m Del	Store Teacher	uk Ya	C , 1	6	Alway	s skirmig o	0	adet şahit ramura tedim edilmiştir. Anlık. Kempozit 6 saatlik: Kempozit 24 saatlik
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	6	Cem	1 L	DMFa	1							
	2	Cam	11.	Bustriated Acusteric Arrives (Cleavable from Azo-colourants)	1							
		Cam	1 L	Dyes - Cascinogoric or Equiv. Concern, Dyes - Disperse (Sensitizing). Dyes - Navy Blue Colourass	1							
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Otelimieri	Numino		promotes Oil	totjen (mg/L):	Oksijes Doygusluğu(%) Derislikm	Debt	Se	echs Diski:		46		0	Kompozit	24 saatliik
8		7		gise selvop olan mudde ver										
Aragi	Teprak Nessa			or: DEVET (D Solu		erant biorchitation								
	Katı Atık Num	nunesi Cir	rosi :	Evel II Endis	triyel Evsel ve Endüstriyel									
	Yakiri Numus	nesi Cin	isi:						moreov con				9.51	
	Kap No	Numune B	Cabn Cinsi	Numuse Miktari	Balufacak Parametre(ler)	Soğutasa	HNO, pH<2	H,SO,	NaOH pH>(2	Çinko Asetat	EDTA	HCt pH<2		Ozel Notler
	0	Ca	im.	1 E	Flame Reterdants	1							ALKA ÇEVR MOHOR ILE	S LAB. NO.
	10	Ce	sen .	1 L	Glycols / Glycol Ethers	1								
		Ca	em.	I L	Halogenated Solvents	1			No.			1		
Kapla	12	Ce	100	T.E.	Organosin Compounds	1								
96	13	Ca	9300 ·	DL:	Other-Mescellaneous Chemicals	1								
į	14	Ca	NED .	I L	Perfluorinated and Polythiorinated Chemicals (PPCs)	1								
	15	Ca	909	1 L	Phthalates - including all other extens of ortho-phthalic acid	1								
	16	Ca	50%	14.	Polycyclic Aromatic Hydrocarbona (PAHa)	1								
	17		bris .	I L	UV Absorbers	1								
	18	Q	N/S	1 L	Volsnile Organic Compounds (VOC)	1						1		
-														
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				Markey le	ALKĀ ĪNŠĀST TEKSTĪL ELEKTRIK ÇIII sambul Deri OSB Aratma Cod. Dileh Sak. No.264 — Tuzlar ISTANBUL. — E. mail: alkalidalbusoro.com.tr	- Gobze Sube:	Yenikent l	Man. 2492	Sok. No. 17	A Geboo	KOCAEL	1		

Sampler ID : ZDHC-A-23-E-C001068-R41DC-F4D05

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TEST REPORT

FACTORY INFORMATION

Name : KİPAŞ MENSUCAT İŞLETMELERİ A.Ş.

Address : Karacasu Karaziyaret F.S.M. Caddesi No: 1/A Dulkadiroğlu / KAHRAMANMARAŞ

Telephone / Fax : 0 344 236 38 00

VAT Office / Number : -

Application Date / Number : 10.09.2024 / T-94795-2024-02

SAMPLE INFORMATION

Sample Type : Wastewater

Sample Name : Effluent Sample

Number of Samples : 1

Date of Sampling : 10.12.2024

Sampling Location : Effluent (N: 37° 31'45.08''- E: 36° 58'39.50'')

Sampling Method : 6 Hours Composite

Sample Arrival Type : Sampling by our Laboratory (Seal: 26976)

Sample Arrival Date : 11.12.2024

Sample ID : AS-11122024-004

Test Performing Period : 11.12.2024 - 26.12.2024

Report Date : 20.01.2025

Report Number : R-94795-2025-002

TYPE OF WASTEWATER DISCHARGE

Type of Wastewater Discharge : Direct Discharge

Average Total Industrial
Wastewater Generated : 335,28 m³/day

Sampling Method : Composite Sample at (11:00 - 12:00 - 13:00 - 14:00 - 15:00 - 16:00 - 17:00)

Arrival Temperature at Lab : 5,1 °C

Comments : Samples received within 16 hours.

Sampler Accreditation Certification

Number : ZDHC-A-24-E-C001068-R41DC-F4D05

Has the Parameter(s) Exceeded . No

Maximum Holding Time : Not Exceeded

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The state of the s	Sample Na	ame	Efflue	ent Sample						
Factory Name: KİPAŞ MENSUCAT İŞI	Date of Sa	ampling	10.	12.2024						
		Sampling Location		Effluent		Limit Values According to ZDHC				
Factory Address: Karacasu Karaziyaret F	Sampling Start - End time		11:00 – 17:00		Wastewa	nter Guidelines Ver	sion 2.2			
Dulkadiroğlu / KAHRAMANMARAŞ			Sample A	rrival Date	11.12.2024					
			Sample ID)	AS-11	122024-004				
Items	CAS No.	Methods		Lab Reporting Limit	Unit	Effluent Sample Results	Foundational Limit mg/L	Progressive Limit mg/L	Aspirational Limit mg/L	
TABLE 2: ZDHC HEAVY META	AL WASTEV	VATER PARAMETEI	RS AND LI	IMITS						
Antimony (Sb)		USEPA 3051A + USEP	A 200.7	0,005		n.d.	Textile and Leather: 0,1	Textile and Leather: 0,05	Textile and Leather: 0,01	
Arsenic (As)		USEPA 3051A + USEPA	A 200.7	0,005		n.d.	Textile and Leather: 0,05	Textile and Leather: 0,01	Textile and Leather:0,005	
Barium (Ba)		USEPA 3051A + USEP	A 200.7	0,01		0,066				
Selenium (Se)		USEPA 3051A + USEP	A 200.7	0,005		n.d.	Textile and	Leather: Sample and r	report only	
Tin (Sn)		ISO 11885		0,05	1	n.d.				
Cadmium (Cd)		USEPA 3051A + USEP	PA 200.7	0,003		n.d.	Textile and Leather: 0,1	Textile and Leather: 0,01		
Chromium (VI)		SM 3500-Cr B		0,001		0,009	Textile: 0,05 Leather: 0,15	Textile: 0,005 Leather: 0,05	Textile: 0,001 Leather: 0,02	
Chromium, total (Cr)	-	USEPA 3051A + USEP	A 200.7	0,01	mg/L	n.d.	Textile: 0,2 Leather: 1,5	Textile: 0,1 Leather: 0,8	Textile: 0,05 Leather: 0,3	
Cobalt (Co)		USEPA 3051A + USEPA	PA 200.7	0,01	1	n.d.	Textile and Leather: 0,05	Textile and Leather: 0,02	Textile and Leather: 0,01	
Copper (Cu)		USEPA 3051A + USEPA 200.7		0,01		n.d.	Textile and Leather: 1	Textile and Leather: 0,5	Textile and Leather: 0,25	
Lead (Pb)		USEPA 3051A + USEPA 200.7		0,01		n.d.	Textile and Leather: 0,1	Textile and Leather: 0,05	Textile and Leather: 0,01	
Mercury (Hg)		ISO 11885		0,001	1	n.d.	Textile and Leather: 0,01	Textile and Leather:0,005	Textile and Leather:0,001	
Nickel (Ni)		USEPA 3051A + USEP	PA 200.7 0,01		1	n.d.	Textile and Leather: 0,2	Textile and Leather: 0,1	Textile and Leather: 0,05	
Silver (Ag)		USEPA 3051A + USEP	PA 200.7	0,005] [n.d.	Textile and Leather: 0,1	Textile and Leather: 0,05	Textile and Leather:0,005	
Zinc (Zn)		USEPA 3051A + USEPA 200.7		0,01		n.d.	Textile and Leather: 5	Textile and Leather: 1	Textile and Leather: 0,5	
TABLE 3 : ZDHC CONVENTION	NAL AND AI	NION WASTEWATEI	R PARAM	ETERS AND LI	MITS					
Ammonium-Nitrogen	-	SM 4500 NH3-F	F	0,01		0,596	Textile: 10 Leather: 15	Textile: 1 Leather: 10	Textile: 0.5 Leather: 1	
AOX	-	HACH LCK 390	0	0,1		n.d.	Textile: 3 Leather: 3	Textile: 0,5 Leather: 0,5	Textile: 0,1 Leather: 0,1	
Biochemical Oxygen Demand 5-days concentration (BOD5)	-	SM 5210-B		2	mg/L	12,25	Textile: 30 Leather: 50	Textile: 15 Leather: 30	Textile: 8 Leather: 20	
Chemical Oxygen Demand (COD)	-	SM 5220-D		5] [44	Textile: 150 Leather: 250	Textile: 80 Leather: 150	Textile: 40 Leather: 100	
Chloride	-	ISO 10304-1		0,1	1	2350,2	Textile and Leather: Sample and repor		report only	
Colour (436 nm)	-					2,48	7	5	2	
Colour (525 nm)	-	ISO 7887-B		0,3	m ⁻¹	1,26	5	3	1	
Colour (620 nm)	-	1				0,88	3	2	1	
Cyanide, total	-	APHA 4500-CN	1	0,02	mg/L	n.d.	Textile: 0,2 Leather: NA	Textile: 0,1 Leather: NA	Textile: 0,05 Leather: NA	
Dissolved Oxygen (DO)		SM 4500-O-G		-	mg/L	5,09	Te	extile and Leather: ≥ 4	ı	
E.coli		ISO 9308-2		1,8	MPN/ 100-ml	n.d.	Textile ar	nd Leather: 126 MPN	/100-ml	
Oil & Grease	-	ISO 9377-2		0,1	mg/L	0,219	Textile: 10 Leather: 20	Textile: 2 Leather: 10	Textile: 0,5 Leather: 5	
Persistent Foam		Visual		-	Absent / Present	Absent		Textile and Leather: of Persistent foam in re	ceiving water	



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Factory Name: KİPAŞ MENSUCAT İŞI	Sample Name		Effluent Sample								
, ,		,	Date of Sa	mpling	10.12.2024						
				Sampling Location		ffluent		alues According to			
Factory Address: Karacasu Karaziyaret l	F.S.M. Caddesi	No: 1/A	Sampling Start - End time		11:00 – 17:00		Wastewater Guidelines Version 2.2				
Dulkadiroğlu / KAHRAMANMARAŞ			Sample A	rrival Date	11.	12.2024					
			Sample II)	AS-11	122024-004					
Items	CAS No.	Methods		Lab Reporting Limit	Unit	Effluent Sample Results	Foundational Limit mg/L	Progressive Limit mg/L	Aspirational Limit mg/L		
рН		SM 4500-H		6-9	-	7,93	Textile and Leather: 6 - 9		9		
Total Phenols / Phenol Index	SM 5530-B			0,001		n.d.	Textile: 0,5 Leather: 0,5	Textile: 0,01 Leather: 0,3	Textile: 0,001 Leather: 0,1		
Sulfate		ISO 10304-1		0,1	/I	1228,2	Textile and Leather: Sample and report		report only		
Sulfide		SM 4500-S2-D	1	0,01	mg/L	n.d.	Textile: 0,5 Leather: 1	Textile: 0,05 Leather: 0,5	Textile: 0,01 Leather: 0,2		
Sulfite		SM 4500-SO32-0	С	0,1		0,106	Textile: 2 Leather: 2	Textile: 0,5 Leather: 0,5	Textile: 0,2 Leather: 0,2		
Temperature difference		SM 2550-B		-	°C	6,8	Δ+15	Δ+10	Δ+5		
Total Chlorine	Total Chlorine SM 4500-Cl G		0,03			n.d.	Textile and Leather: 1				
Total Dissolved Solids (TDS)	otal Dissolved Solids (TDS) SM 2540-C			10		3220	Textile and l	Leather: Sample and I	report only		
Total Nitrogen ISO 20236				0,25	mg/L	12,36	Textile: 20 Leather: 35	Textile: 10 Leather: 20	Textile: 5 Leather: 10		
Total Phosphorus USEPA 200.7			0,05		2,96	Textile: 3 Leather: 3	Textile: 0,5 Leather: 1	Textile: 0,1 Leather: 0,5			
Total Suspended Solids (TSS)		SM 2540D	•	5		45	Textile: 50 Leather: 70	Textile: 15 Leather: 50	Textile: 5 Leather: 20		

Remarks: N.D. = Not Detected , NA = Not Applicable



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Sampling Photos







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ZDHC Wastewater Sampling Field Data Form

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ž.			Com		Total Phosphorus	1	-	1	-	-	-	+	-	1	
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_						Arra Phones a	Вистес	OM-DT							
	aLK	a			NUMUNE ALMA TUTANAĞI							SERLAGO DORGM. BEVIZYO YAYEN I SAYFA N	AN NO F 7 ON TARIHE 17 ARIHE 08	0 96 2021-05 05-2007	
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nleri	Su-Athau Suyu, /¿m Kulluman Numan	Nage	Number Sca	Ahge *C	pet: Elektrolosi Hetkenilik: US Okojen Doggorlojo(NJ: Dorablik: no Dol		k %			Alien	ett.				
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					Total Chlonne mg/L	Soğutma	pH<2	pH<2	NaOH gHP-12	Asetat	EDTA	pH+2	ALKA CEVRE LA	B NOLU	
						2						-	MOHUR ILE MON	DRLENMISTIR.	
		3	Plaetik.	116	Total Dissolved Solida (TDS) Chloride Sulfate	1									
	1		white white		Colour (m 1) (436nm, 525nm; 620nm)	1									
unide					Biochemical Oxygen Demand 5 - days concentration (BOD ₃)	1									
Numerae Kaplan	,	3	Plaetik	168	Total Suspended Solids (TSS) Cyanide	1			~					OH - pH12 I od of HPs of of Hesselfor GM - Melanon IC and E C	
			Plastik	0,25 L	Su.Miche	1			1	,			***	a 31 sales anatomic activit = grit 10	
			Plastik	011	Suffile	1			·*	4	1			C and S C S S To EST A Count S C T C and S C	
	10		Cam	0.1 L	Chronium (M)	1							O.Alice No.Els	FU and FV Alloy in State, said * to pic Sub-lead count - Sub-lead FC and FV	
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TEST REPORT

FACTORY INFORMATION

Name KİPAŞ MENSUCAT İŞLETMELERİ A.Ş.

Address Karacasu Karaziyaret F.S.M. Caddesi No: 1/A Dulkadiroğlu / KAHRAMANMARAŞ

Telephone / Fax 0 344 236 38 00

VAT Office / Number

Application Date / Number 10.09.2024 / T-94795-2024-02

SAMPLE INFORMATION

Sample Type Sludge

Sample Name Sludge Sample

No. of Samples 1

10.12.2024 **Sampling Date**

Sampling Location Waste Sludge Collection Area (N: 37° 31'46.08"- E: 36° 58'41.76")

Sampling Method Grab

Sample Arrival Type Sampling by our Laboratory (Seal: 26978)

Sample Volume (~) 2.5 kg Sample Container

Sample Received Date 11.12.2024

Sample ID ATC-11122024-001

Test Performing Period 11.12.2024 - 26.12.2024

Report Date 20.01.2025

Report No R-94795-2025-003

TYPE OF WASTEWATER DISCHARGE

Type of Wastewater Discharge Direct Discharge

Average Total Industrial $335,28 \text{ m}^3/\text{day}$ **Wastewater Generated**

Sampling Method Grab - Sampled at 14:45 - 15:00

Arrival Temperature at Lab 5,1 °C

Comments Samples received within 16 hours.

Sampler Accreditation Certification

ZDHC-A-24-E-C001068-R41DC-F4D05

Has the Parameter(s) Exceeded

Number

Not Exceeded **Maximum Holding Time**

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Factory Name: KİPAŞ MENSUCAT İŞ	CLETMELEDÍ A S	Sample N	ame		Sludge Sample			
ractory maine. Kiraş Mensucat iş	PLETWIELEKI A.Ş	Date of Sa	ampling		10.12.2024			
			Sampling	Location		Waste Sludge Collection Area		
Factory Address: Karacasu Karaziyare	t F.S.M. Caddesi N	Jo: 1/A	Sampling	Time		14:45 - 15:00		
Dulkadiroğlu / KAHRAMANMARAŞ				rrival Date		11.12.2024		
			Sample II)		ATC-11122024-001		
ITEMS	CAS No.	Methods	Lab Reporting Limit	(V 2.2) ZDHC Reporting Limit	Unit	Sludge Sample Results		
	ZDHC S	LUDGE PARAMETERS AND I	LIMITS, TAE	BLE 4A – 4C				
Table 4C: CONVENTIONAL								
% Solids	-	USEPA 160.3	-	Sample and Report	%	20,155		
Table 4A: MRSL GROUP								
Nonylphenol (NP), mixed isomers	104-40-5	USEPA 3540 + ASTM D7065				n.d.		
Nonylphenol ethoxylates (NPEO)	127087-87-0	USEPA 3540 + ISO 18254-1 + ISO 18857-2		Textile and		n.d.		
Octylphenol (OP), mixed isomers	140-66-9	USEPA 3540 + ASTM D7065	0,4	Leather: 0,4		n.d.		
Octylphenol ethoxylates (OPEO)	68987-90-6	USEPA 3540 + ISO 18254-1 + ISO 18857-2				n.d.		
Acenaphthene	83-32-9					n.d.		
Acenaphthylene	208-96-8					n.d.		
Anthracene	0120-12-7					n.d.		
Benzo[a]anthracene	56-55-3					n.d.		
Benzo[a]pyrene	50-32-8					n.d.		
Benzo[b]fluoranthene	205-99-2					n.d.		
Benzo[e]pyrene	192-97-2					n.d.		
Benzo[ghi]perylene	191-24-2					n.d.		
Benzo[j]fluoranthene	205-82-3					n.d.		
Benzo[k]fluoranthene	0207-08-09	USEPA 3540 + USEPA 3650 +	0,02	Textile and Leather: 0,2	mg/kg	n.d.		
Chrysene	0218-01-09	USEPA 8270	0,02	Leamer. U,2		n.d.		
Dibenz[a,h]anthracene	53-70-3					n.d.		
Fluoranthene	206-44-0					n.d.		
Fluorene	86-73-7					n.d.		
Indeno[1,2,3-cd]pyrene	193-39-5					n.d.		
Naphthalene	91-20-3					0,088		
Phenanthrene	85-01-8					0,047		
Pyrene	129-00-0					n.d.		
Other isomers of mono-, di-, tri-, tetra-, penta- and hexa- Chlorobenzene and mono-, di-, tri-, tetra- and penta-chlorotoluene	Multiple (Other isomers)	USEPA 8270E	0,2			n.d.		

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Sampling Photos





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ZDHC Sludge Sampling Field Data Form

NUMUNE ALMA TUTANAGI												SEREW DOKOM REVIZY YAYIN SAYFA	IAN NO F 26 FON TARÍHI 17.06.2021-05 TARÍHI 08.05.2007
Namanangie Esus Resint Talap Factor Ventinin Adresi: KARACASU KARAZIYAREY, FATIH SULTAN MEHMET CADDESI I/A, 46090 DULKADÎROĞLU / KAHRAMANMARAS Türih :								Cinci : ÇAMUR Almış Tarihi : 10.12.2014 Saati : 15.201 Alma Noletası: FİLTRE PRES CIKISI Almış Amucı: ZDEK: ANALIZI Şabit Numune Teslimi. Vinonvonigir 11steratigir					
Hava	Su-Anksu- Suyu, Içm Kullunun Numum	Dente se ve Sayu	Sektör Tablo Numme Seal	resklig: 18 °C Na: ZDEIC WWG V2, klig: "C bijen (mg/L)	TABLO 4A	8'UI.	×.	N Dieks	_L_ ade	Almy	silmnig ak Seldi :	0	adet çahir momene sezion edilmiştir. Asılık Kumpusit 6 sasdik Konspasit 26 sasdik
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1	Kati Atik Nu Yakit Num		Cinic Cine	Essal Essale	striyel								
	Kap No	Nemu	ne Kaln Casi	Namune Militari	Bakdacak Parametre(ler)	Soğutma	HNO ₃	Kon H ₂ 5O ₄ pH<2	NaOH pH>12	Çinko Asetat	EDTA	HCI pH<2	Özel Notlar
	1		Plastik	(-) 0,25 кд	Cyaride	1			1				ALKA CEVRE LAB 26978 NOLU MONOR ILE WORKELENMISTIR.
	2		Přestík	(~) 0,25 Кд	Heavy Metals	1	1						
Kapta	1		Plastik	(~) 0,25 Kg	Circulum (VI)	1							
Namen	4		Cam	T Kg	Alkylyhensi (AP) and Alkylyhensi Ethoxylores (APEOs), including all increases Polycyclic Aronanic Hydrocarbons (PAEs) - Chlorotokarres (oxly)	1							0.008% Na ₂ S ₂ O ₃ V/W keep cool between 2°C and 8°C
	5	5	iteril Kap	(-) 0,5 Kg	Pool, Coliforn	1							0.1 ml of 10% Sodium Thiosulfate lines in dark and cool between 2°C and 8°C
-	6		Plastik	(-) 0.25 Kg	% Solids - Paint Filter Tes:	1							
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Samp	aler ld : 4804	HG A 19	C-CW11MB	Morket RISSOR 40106 NV	Yethii Imaalur Mossing ICESCIN What in SAAT TEKSTIL ELEKTRIK ÇEVRI hambul Devi OSB Anima Cad. Didy Sak. No.22A Tutha / ISTANBUL Telefon. 2 214 446 91 22 0 2 E-mail: alleriasthaccore.com.to Web.	Gebte Şube: 62 721 41 41	Yenikent \$	fuh. 2402.	Sok. No:176	A Gelizeri	_	amune A	huna Yerin Sahibi veya Ye

<u>PREPARED</u>	<u>APPROVED</u>	<u>SEAL</u>
Report Responsible	Laboratory Manager	KOCAELI E E E E E E E E E E E E E E E E E E

This certificate is a qualified electronic certificate according to the Electronic Signature Law No. 5070. This report is archived electronically by our laboratory.

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