



Tehnološko okoljski in logistični center d.o.o.
Dekani 3a, SI-6271 Dekani

Date: 27.09.2019

FINAL EVALUATION ON DRINKING WATER SAMPLE No. 1363/19

Evaluation of compliance with the regulations taken into account: The sample is compliant with the regulations Rules on drinking water (UR.I.RS nos. 19/04, 35/04, 26/06, 92/06, 25/09, 74/15 and 51/17) and Description of indicator parameters found in drinking water (NIJZ, Version 2, June 2014).

Analyst:

Kaja Jerman, B.Sc.Microbiol

Head of lab:

Ankica Budan Hadžalić, B. Sc.



Tehnološko okoljski in logistični center d.o.o.
Dekani 3a, SI-6271 Dekani

Date: 27.09.2019

FINAL EVALUATION ON DRINKING WATER SAMPLE No. 1364/19

Evaluation of compliance with the regulations taken into account: The sample is compliant with the regulations Rules on drinking water (UR.I.RS nos. 19/04, 35/04, 26/06, 92/06, 25/09, 74/15 and 51/17) and Description of indicator parameters found in drinking water (NIJZ, Version 2, June 2014).

Analyst:

Kaja Jerman, B.Sc.Microbiol

Head of lab:

Ankica Budan Hadžalić, B. Sc.



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Rezultati označeni z # se nanašajo na
neakreditirano dejavnost.

Test report No.: 1363/19

Date: 27.09.19 Page: 1 from 1

Sample: Drinking water

Client: Luka Koper d.d., Vojkovo nabrežje 38, 6000 Koper

Sampled: Sample delivered by the customer Date of sampling: 23.09.19

Sample label: Passenger terminal, bond 1, hydrant (sampled 9:00)

Received on: 23.09.19 Lab.ref.: 1363/19

ANALYSIS REPORT:

Property	Unit	Test Method	Limit value	Result	Mark
Field measurements					
Water temperature	°C	SIST DIN 38404-4:2000	-	16,2	#
Free chlorine dioxide	mg/l	Internal method	-	<0,01	#
pH		SIST ISO 10523:2010	6,5-9,5	7,4	#
Conductivity (at 20°C)	uS/cm	SIST EN 27888:1998	< 2500	372	#
Smell	organoleptic attribute	SIST EN 1622:2007	acceptable	acceptable	#

Physicochemical properties

Colour *	m-1	SIST EN ISO 7887:2012 (method B)	< 0,50	<0,1	#
Turbidity *	NTU	SIST EN ISO 7027:2000	≤ 1,0	0,04	#
Ammonium	mg/INH4	SIST ISO 7150-1:1996	< 0,50	<0,01	#
Taste	organoleptic attribute	SIST EN 1622:2007	acceptable	acceptable	#

Microbiological properties

<i>Escherichia coli (E.coli)</i>	cfu/100ml	SIST EN ISO 9308-1:2014	0	not detected	
Coliform bacteria	cfu/100ml	SIST EN ISO 9308-1:2014	0	not detected	#
<i>Clostridium perfringens</i>	cfu/100ml	SIST ISO 14189:2014	0	not detected	#
Total viable count at 36°C	cfu/ml	SIST EN ISO 6222:1999	< 100	detected	
Intestinal enterococci	cfu/100ml	SIST EN ISO 7899-2:2000	0	not detected	#
Total viable count at 22°C *	cfu/ml	SIST EN ISO 6222:1999	< 100	detected	

Note: not detected (0 cfu), detected (<4 cfu), est. (estimated)

Results shown in **bold** type do not conform with the limit values in the criteria regulations concerned.

Information about uncertainty are available in the laboratory.

The results marked with # referes to **non-accredited** method.

Regulations taken into account:

Rules on drinking water (UR.I.RS nos.19/04, 35/04, 26/06, 92/06, 25/09, 74/15 and 51/17).

*Description of indicator parameters found in drinking water (NIJZ, Version 2, June 2014)

Analysis performed: from 23.09.2019 (at 14:00) to 26.09.2019 (at 10:00)

Analyst:
Kaja Jerman, B.Sc. Microbiol

Head of lab.:
Ankica Budan Hadžalič, B.Sc.

The results of accordance verification refer exclusively to verified samples. The report should not be reproduced without a previous written approval, unless it is reproduced as a whole unit.



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SIST EN ISO/IEC 17025
LP-093

Rezultati označeni z # se nanašajo na
neakreditirano dejavnost.

Test report No.: 1364/19

Date: 27.09.19 Page: 1 from 1

Sample: **Drinking water**

Client: **Luka Koper d.d., Vojkovo nabrežje 38, 6000 Koper**

Sampled: **Sample delivered by the customer** Date of sampling: **23.09.19**

Sample label: **Passenger terminal, bond 2, hydrant (sampled 9:20)**

Received on: **23.09.19**

Lab.ref.: **1364/19**

ANALYSIS REPORT:

Property	Unit	Test Method	Limit value	Result	Mark
Field measurements					
Water temperature	°C	SIST DIN 38404-4:2000	-	22,2	#
Free chlorine dioxide	mg/l	Internal method	-	<0,01	#
pH		SIST ISO 10523:2010	6,5-9,5	7,5	#
Conductivity (at 20°C)	uS/cm	SIST EN 27888:1998	< 2500	372	#
Smell	organoleptic attribute	SIST EN 1622:2007	acceptable	acceptable	#

Physicochemical properties

Colour *	m-1	SIST EN ISO 7887:2012 (method B)	< 0,50	<0,1	#
Turbidity *	NTU	SIST EN ISO 7027:2000	≤ 1,0	0,04	#
Ammonium	mg/INH4	SIST ISO 7150-1:1996	< 0,50	<0,01	#
Taste	organoleptic attribute	SIST EN 1622:2007	acceptable	acceptable	#

Microbiological properties

<i>Escherichia coli (E.coli)</i>	cfu/100ml	SIST EN ISO 9308-1:2014	0	not detected	
Coliform bacteria	cfu/100ml	SIST EN ISO 9308-1:2014	0	not detected	#
<i>Clostridium perfringens</i>	cfu/100ml	SIST ISO 14189:2014	0	not detected	#
Total viable count at 36°C	cfu/ml	SIST EN ISO 6222:1999	< 100	detected	
Intestinal enterococci	cfu/100ml	SIST EN ISO 7899-2:2000	0	not detected	#
Total viable count at 22°C *	cfu/ml	SIST EN ISO 6222:1999	< 100	detected	

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Regulations taken into account:

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*Description of indicator parameters found in drinking water (NIJZ, Version 2, June 2014)

Analysis performed: from 23.09.2019 (at 14:00) to 26.09.2019 (at 10:00)

Analyst:
Kaja Jerman, B.Sc. Microbiol

Head of lab.:
Ankica Budan Hadžalič, B.Sc.

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POROČILO O PRESKUSIH ŠT.: 1365/19

Rezultati označeni z # se
nanašajo na
neakreditirano dejavnost.

Datum: 27.09.19 Stran: 1 od 1

Vrsta vzorca: **Morje**

Naročnik: **Luka Koper d.d., Vojkovo nabrežje 38, 6000 Koper**

Podatki o vzorčenju:	Vzorec dostavil naročnik	Datum vzorčenja:	23.09.19
Orig. oznaka vzorca:	BAZEN 1, Potniški terminal, Vez 1 (vzorčeno 9:00)		
Prejeto dne:	23.09.19	Evid. številka vzorca:	1365/19

REZULTATI PRESKUSOV:

Preskušane lastnosti	Enota	Preskusna metoda	Rezultat	Oznaka
Intestinalni enterokoki	cfu/100ml	SIST EN ISO 7899-2:2000	19	#
<i>Escherichia coli</i> (<i>E.coli</i>)	cfu/100ml	SIST EN ISO 9308-1:2014	10	

Opomba: ni najdeno (0 cfu), najdeno (< 4 cfu), oc. (ocenjeno)

Rezultati označeni s **krepko** niso v skladu z mejnimi vrednostmi iz upoštevanih predpisov.

Podatki o merilni negotovosti preskusnih metod so na voljo v laboratoriju.

Upoštevani predpisi:

Uredba o upravljanju kakovosti kopalnih voda (UR.I.RS št.25/08).

Preskusi so bili izvajani: od 23.09.2019 (ob 14:00) do 25.09.2019 (ob 12:00)

Mikrobiolog:

Kaja Jerman, univ.dipl.mikrobiol.

Vodja laboratorija:

Ankica Budan Hadžalič, univ.dipl.inž.kem.teh.

Rezultati preverjanja skladnosti se nanašajo izključno na preverjeni vzorec.
Poročilo se brez pisnega soglasja TOC ne sme reproducirati razen v celoti.