State / Regional / District / Sub Divisional Public Health Laboratory, Jalgaon

E-mail-ID: aphljal Ggmail. Com,

Phone No.: 2229221

REPORT ON CHEMICAL EXAMINATION OF WATER FOR DRINKING PURPOSES

Date of Collection: 29/4/2022 Date of Receipt: 29/4/2022 Date of Examination: 29/4/2022

(All the Analytical Results are in mg./Litre except pH, Turbidity) 4 09 Words

Sr. No.	TEST PARAMETER	Umala .	Umala	(3)	BIS Specification 10500 : 2012 Normal Values	
		Row woder	Pure Water		Desirable Limits	Permissible Limits
1.	Physical Appearance	clear	clear		_	_
2.	Odour	odour free	adour free		Agreeable	Agreeable
3.	Turbidity (as N.T.U.)	1.29	0.39	-	1.0	5.0
4.	pH Value	7.73	7.42	c	6.5 to 8.5	No relaxation
5.	Chlorides (as Cl)	4735	33.25		250	1000
6.	Nitrates (as NO ₃)	3.18	0.412		45	No relaxation
, 7.	Total Hardness (as CaCO ₃)	200.0	150.0	··	200	600
8.	Alkalinity (as CaCO ₃)	563.75	184.5		200	600
9.	Total Dissolved Solids	825-0	375.0		500	2000
10.	Iron (as Fe)	0.12	011		0.3	No relaxation
11.	Fluoride (as F)	0-213	0.182	,	1.0	1.5
12.	Other Tests (if any)				,	,.
13.						
14.						
15.						
16.		· · · · · · · · · · · · · · · · · · ·	,	,		. 1
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18.					2	
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[•] This report is restricted only for the Sample/s is Submitted to this Laboratory.

[•] This Sample/s is / are not Collected by this Laboratory.

	REMARKS	
		get for drinking purpose on
	1 potable / chemically	fit for drinking purpose on the basis
02	is/are pour	urpose only after proper treatment, dish
(A) Sample No. (8)	be used for drinking pr	die die
parameters only.	cels can be can be regularly.	1. 1.20 alb.
However, this / those was	+uvbidut	y 13 129 Whalink
ascertaining it's back	can be used for drinking regularly. Contains + 4vbi dit	more than desired
1- No (5)	ida arc	more final destrain
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q total and	500 respect	The state of the s
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	1. 1. 1	
oth	er alternate source available nea	rby then this / these water Source/y cascertaining it's bacteriological quality
However, if there is no any our	per treatment, disinfection and a	ascertaining it's bacteriological quality
drinking purpose only after pro-		
regularly.	7 (N)	
C) Sample No. (s)	Contains	-
7 - 1		
Hence, this / these water Source/	s is are chemically non-notable	E / unfit for drinking purpose on the ba
parameters only.	, non potable	or drinking purpose on the base
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HEALTH SERVICES		
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State / Regional / District / Sub Divisional Public Health Laboratory Jalgan

Phone No.: 222922

E-mail-ID: Aphial @gmail.com

REPORT ON CHEMICAL EXAMINATION OF WATER FOR DRINKING PURPOSES

Date of Collection: -25-5-21 Date of Receipt: -25-5-21 Date of Examination: -25-5-21 (All the Analytical Results are in mg/Litre except pH. Turbidity)

Sr. No.	TEST PARAMETER	Raw water Umqula.	Pure water	(3)	BIS Specification 10500 : 2012 Normal Values	
		Phistian	punhocan	_ 1	Desirable Limits	Permissible Limits
1.	Physical Appearance	sight turbid	stight		_	_
2.	Odour	no smell	nosmell	•	Agreeable	Agreeable
3.	Turbidity (as N.T.U.)	0.8	0-68		1.0	5.0
4.	pH Value	7-77	7.54		6.5 to 8.5	No relaxation
5.	Chlorides (as Cl)	98-83	97.84		250	1000
6.	Nitrates (as NO ₃)	20.94	12.24		45	No relaxation
7.	Total Hardness (as CaCO ₃)	200-0	180.0		200	600
8.	Alkalinity (as CaCO ₃)	136.97	32.0		200	600
9.	Total Dissolved Solids	407.0	396.0		500	2000
10.	Iron (as Fe)	0.23	0-17	4	0.3	No relaxation
11.	Fluoride (as F)	0.76	0.58	-	1.0	1.5
12.	Other Tests (if any)	25 1 7				-
13.	· Add		3.7			
14.						
15.						
16.				- 6		
17.		111111111111111111111111111111111111111				
18.		7.3				
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• This report is restricted only for the Sample/s is Submitted to this Laboratory.

This Sample/s is / are not Collected by this Laboratory.

REMARKS

	numose on the basis of and
A satable	c) chemically fit for drinking purpose on the basis of analysed
Sample No. (5) 2 //are potable	for drinking purpose only after proper treatment, disinfection and or regularly.
norameters only.	for drinking purpose only after proper determined and
parameters only	or regularly.
However, this / these water source/s can be used ascertaining it's bacteriological quality frequently	01.12
ascertaining it's bacter.	
Sample No. (s)	
) Sample 118 (7)	
	/ // /
	Sourcels can be
	available nearby then this these water sources can be used by
if there is no any other alternate sour	rce available nearby then this / these water Source/s can be used for a significant and ascertaining it's bacteriological quality frequently a
However, if there is no how after proper treatment, of how is no how after proper treatment, if the how is no how is no how is no how is no how it is no how	Isinicetion 2.5
drinking purpose only	
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) Sample 100. (3)	
	or for drinking purpose on the basis of an
Haras this these water Source/s is / are chen	nically non-potable / unfit for drinking purpose on the basis of an
Hence, this timese water some	
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Tests	umala	mater _	_	
Physical Appearance	clear	clear 1		
Odour	ho smell	10 smell		
Turbidity (as N.T.U.)	0-38	0-30 /		
рН	7-12	7.42		
Chloride (as Cl)	39.56	19-78		1
Free & Saline Ammonia (as N)	-			
Abuminoid Ammonia (as N)	-	_ \		1
Nitratees (as NOa)	ND	ND		
Nitrites (as N)		-		1
Total Hardness (as CaCo3)	100.0	80.0	\.	
Permanent Hardness (as CaCO3)	-	-		
Total Solids (TDS)	160.0	140.0	V	
Oxygen absorbed in 5 mints.				
Oxygen absorbed in 4 hrs. @370 C	11.5	Trimes constitutions	· · · · · · · · · · · · · · · · · · ·	
Iron (as Fe)	0017			
Fluoride (as F)	0.17	0.67		
Other Tests (if any) alkalinity	ND.	ND		
other rests (II ally) alkaun) /y	66.0	44.0		
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HEALTH SERVICES			Olbu Pality	3-34/ 121
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REGIONAL / DISTRICT PUBLIC HEALTH LABORATORS Jagan

Phone No. 229071

REPORT ON CHEMICAL EXAMINATION OF WATER FOR DRINKING PUBLICAL

Tests	Source	:- Vaghus	Wate	Purificadi ended parti
Physical Appearance Slight	fur bid 1	with Fir	e sue	Ended O. 1
Odour Uno	bjection	able of	odow	we brit
Furbidity (as N. T. U.)	0118	J		
Н	7.05	• /	,	
Chloride (as Cl)	96.0			
Free & Saline Ammonia (as N)	0.0014			
Albuminoid Ammonia (as N)	01042			
Nitrates (as NO _a)	0.576			
Nitrites (as N)	HII			
Total Hardness (as CaCO ₃)	152.0			
Permanent Hardness (as CaCO ₃)	2.0	\		,
Total Solids	298.0			
Oxygen absorbed in 5 mints.	5:01			
Oxygen absorbed in 4 hrs. @ 37° C	0102			
Iron (as Fe)	0.006			*
Fluoride (as F)	0.095			
Other Tests (if any) Alkalinit	150.0			
		/ .		
HEALTH SERVICES		,	N	o.: 809 OF

Forwarded with compliments to Chemist Water Punification

Linston Jalgaon City Municipal Carporation Jagon

with reference to letter No.

dated. 2408