

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

E-mail-ID : dph1jal@gmail.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 on words.

Sr. No.	TEST PARAMETER	(1)	(2)	(3)	BIS Specification 10500 : 2012 Normal Values	
		Umalg Raw water	Umalg Pure water		Desirable Limits	Permissible Limits
1.	Physical Appearance	clear	clear		—	—
2.	Odour	odour free	odour free		Agreeable	Agreeable
3.	Turbidity (as N.T.U.)	1.29	0.39		1.0	5.0
4.	pH Value	7.73	7.42		6.5 to 8.5	No relaxation
5.	Chlorides (as Cl)	478.58	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	0.1		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.						
17.						
18.						
19.						
20.						

- This report is restricted only for the Sample/s is Submitted to this Laboratory.
- This Sample/s is / are not Collected by this Laboratory.

[P.T.O.]

REMARKS

✓ A) Sample No. (s) 02 is/are potable / chemically fit for drinking purpose on the basis of parameters only.

However, this / these water source/s can be used for drinking purpose only after proper treatment, disinfected, ascertaining it's bacteriological quality frequently or regularly.

✓ B) Sample No. (s) 01 Contains turbidity is 1.2g alkalinity 5 & total dissolved solids are more than desirable which is 1,200 & 500 respectively.

However, if there is no any other alternate source available nearby then this / these water source/s can be used for drinking purpose only after proper treatment, disinfection and ascertaining it's bacteriological quality frequently.

C) Sample No. (s) — Contains —

Hence, this / these water source/s is / are chemically non-potable / unfit for drinking purpose on the basis of parameters only.

HEALTH SERVICES

No. 11003/22

Date :- 29/5/2022

Forwarded With Compliments To : The Engineer
Water Supply,
J.M.C. Jalgaon

With reference to letter No. : 1128

Fees Rs. : 1200/-

Receipt No. and Date : 9898632

Dated :- 29/4/2022

Inch...
Junior Scientist
District Public Health

State / Regional / District / Sub Divisional Public Health Laboratory JalgaonE-mail-ID : dphjal@gmail.comPhone No. : 2229221

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	(1) Raw water Umala Purification	(2) Pure water Umala water purification	(3)	BIS Specification 10500 : 2012 Normal Values	
					Desirable Limits	Permissible Limits
1.	Physical Appearance	slight turbid	slight turbid		—	—
2.	Odour	no smell	no smell		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	200.0 132.0		200	600
9.	Total Dissolved Solids	407.0	396.0		500	2000
10.	Iron (as Fe)	0.23	0.17		0.3	No relaxation
11.	Fluoride (as F)	0.76	0.58		1.0	1.5
12.	Other Tests (if any)					
13.						
14.						
15.						
16.						
17.						
18.						
19.						
20.						

• 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

A) Sample No. (s) 152 / are potable / chemically fit for drinking purpose on the basis of analysed parameters only.

However, this / these water source/s can be used for drinking purpose only after proper treatment, disinfection and ascertaining it's bacteriological quality frequently or regularly.

B) Sample No. (s) _____ Contains _____

However, if there is no any other alternate source available nearby then this / these water Source/s can be used for drinking purpose only after proper treatment, disinfection and ascertaining it's bacteriological quality frequently or regularly.

C) Sample No. (s) _____ Contains _____

Hence, this / these water Source/s is / are chemically non-potable / unfit for drinking purpose on the basis of analysed parameters only.

HEALTH SERVICES

No. dph/tal/II/6869/120

Date :- 11-6-21

Forwarded With Compliments To : Engineer, water supply
Jalgaon city mahanaagar palika
Jalgaon

With reference to letter No. : _____ Dated :- 25-5-21

Fees Rs. : 1200/-

Receipt No. and Date : 9898273 dt 25-5-21

Imdad
Junior Scientific
District Public Health
Jalgaon - 425
(S.S.P.)

Tests

Raw water Umala Treated water Umala

Physical Appearance	clear	clear
Odour	no smell	no smell
Turbidity (as N.T.U.)	0.38	0.30
pH	7.12	7.42
Chloride (as Cl)	39.56	19.78
Free & Saline Ammonia (as N)	-	-
Abuminoid Ammonia (as N)	-	-
Nitratees (as NO ₃)	ND	ND
Nitrites (as N)	-	-
Total Hardness (as CaCO ₃)	100.0	80.0
Permanent Hardness (as CaCO ₃)	-	-
Total Solids (TDS)	160.0	140.0
Oxygen absorbed in 5 mints.	-	-
Oxygen absorbed in 4 hrs. @370 C	-	-
Iron (as Fe)	0.17	0.07
Fluoride (as F)	ND	ND
Other Tests (if any) alkalinity	66.0	44.0

HEALTH SERVICES

dph/Sal/A/33-34/120
No.: 691

Date: 16/3/20

Forwarded with compliments to आयुक्त, अजिंक्यग पालिका, अजिंक्यग

जिल्हा शास्त्रज्ञांच्या कार्यालय, अजिंक्यग

with reference to letter No. dated 20.2.20

Rm. 9997898 B 200/- (1H)
dt. 20.2.20

Dr. S. J. Patil
Junior Scientific Officer
(Designation) Health Laboratory
Jalgaon - 425 001
C. S. J. Patil

HEALTH SERVICES

HEALTH SERVICES
 Date of Report: 2/14/02
 Location: ...
 Analytical Result in milligrams per liter (mg/L):

Factor	mg/L			
Physical Appearance	Highly turbid with fine suspended particles			
Color	1700 (Nephelometric ODU)			
Turbidity (no N. T. U.)	7.94			
pH	7.12			
Chloride (no Cl)	124.0			
Free & Sublime Ammonia (no N)	0.0025			
Ammoniacal Ammonia (no N)	0.025			
Nitrate (no N)	0.83			
Nitrite (no N)	0.01			
Total Hardness (as CaCO ₃)	184.0			
Permanent Hardness (as CaCO ₃)	22.0			
Total Solids	385.0			
Oxygen absorbed in 5 mins.	0.2			
Oxygen absorbed in 4 hrs. @ 20°C	0.4			
Iron (no Fe)	0.006			
Fluoride (no F)	0.126			
Other Tests (if any)	Alkalinity 162.0			

HEALTH SERVICES

No: 81018
 Date: 2/14/02

Forwarded with compliments to: Chemist, Pani Puravath & Sonar
10/2000 City Municipal Co., Pochampalli, Talgaon
 with reference to letter No. 2/14/02

(Signature)

STATE/REGIONAL/DISTRICT PUBLIC HEALTH LABORATORY

Jalgaon

Phone No. 229271

REPORT ON CHEMICAL EXAMINATION OF WATER FOR DRINKING PURPOSE

Date of Collection..... Date of Receipt 2/4/08 Date of Examination 2/4/08
 Analytical Result in mg/litre (except pH and Turbidity) Onwards

Tests	Source :- Vaghur Water Purification Centre Pure Water
Physical Appearance	Slight turbid with fine suspended particles.
Odour	Unobjectionable odour
Turbidity (as N. T. U.)	0.18
pH	7.05
Chloride (as Cl)	96.0
Free & Saline Ammonia (as N)	0.0014
Albuminoid Ammonia (as N)	0.042
Nitrates (as NO ₃)	0.576
Nitrites (as N)	Nil
Total Hardness (as CaCO ₃)	152.0
Permanent Hardness (as CaCO ₃)	2.0
Total Solids	298.0
Oxygen absorbed in 5 mints.	0.01
Oxygen absorbed in 4 hrs. @ 37° C	0.02
Iron (as Fe)	0.006
Fluoride (as F)	0.095
Other Tests (if any)	Alkalinity 150.0

HEALTH SERVICES

No. : 809/08

Date : 7/4/08

Forwarded with compliments to Chemist, Water Purification Division Jalgaon City Municipal Corporation Jalgaon dated 2/4/08 with reference to letter No.

(Designation)

