

Government of Maharashtra
Water Supply And Sanitation Department
Groundwater Surveys and Development Agency, Satara
District / Sub Divisional Laboratory Khondala

E-Mail-Id _____ Phone No.: 252114

REPORT ON CHEMICAL EXAMINATION OF WATER FOR DRINKING PURPOSES

Date of Collection : 21.05.18 Date of Receipt : 21.05.18 Date of Examination : 23.05.18
 (All the Analytical Results are in mg./Litre except pH and Turbidity)

Sr. No.	TEST PARAMETER	(1)	(2)	(3)	BIS Specification 10500:2012 Normal Values (mg/lit.)	
					Desirable Limits	Permissible Limits
1	Physical Appearance	<u>clear</u>			—	—
2	Odour	<u>odourless</u>			Agreeable	Agreeable
3	Turbidity(as N.T.U.)	<u>0.22</u>			1.0	5.0
4	pH Value	<u>7.96</u>			6.5 to 8.5	No. relaxation
5	Chlorides (as Cl)	<u>124</u>			250	1000
6	Nitrates (as NO3)	<u>42.59</u>			45	No. relaxation
7	Total Hardness (as CaCO3)	<u>304</u>			200	600
8	Alkalinity (as CaCO3)	<u>328</u>			200	600
9	Total Dissolved Solids	<u>612</u>			500	2000
10	Iron (as Fe)	<u>0.029</u>			0.3	No. relaxation
11	Fluoride (as F)	<u>0.026</u>			1.0	1.5
12	Other Tests (if any)	<u>gum</u>			<u>See</u>	
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) _____ is/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) (2) Contains Total dissolved solids
Total hardness and Total alkalinity more
than desirable limit.

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. : SDLK - 5713 - 206

Date : 23/05/18

Forwarded With Compliments To : Medical Officer
P.H.C. Khondala
Tal. Phaltan

With reference to letter No. :- 124/2018 Dated : 21.05.18

Fees Rs. : _____

Receipt No. and Date : _____

(Signature)
रसायनी
यु.स.वि.य.
उपविभागीय प्रयोगशाळा, खंडाळा