

DELHI JAL BOARD (Govt of NCT of Delhi)
ZONAL QUALITY CONTROL LABORATORY (SOUTH)
 WATER WORKS, OKHLA, NEW DELHI-110025

No. DIB/DTQC/ CWA (C) / ACWA (south)/ Paid/ Bact. / 2022-2023 dated 08-09/25-4-2022

Bacteriological Analysis Report as per IS 10500:2012

To M/s - National Public School Party Ref.No./Date : Nil/16.03.2022

Kalindi Colony
 Maharani Bagh
 New Delhi - 110065

Deptt.Challan No. /date: 336/30.3.2022
 Dt.of sample collection: 25.4.2022
 No. of Sample: Two (02)
 Collected by: Name- Sh. V.P. Singh
 Desig- Bacteriologist

Sr.No. as in record book	Particulars	Clarity	Residual chlorine	Total coliforms/ E.coli in 100 ml sample
01.	Tap (DTB Supply) Break, Side of security Room Gate No-2 in Garden, National Public School	Clean	1.25	0
02.	Tap Drinking point No Room No-03, Class-IA 1st Floor.	Clean	Nil	0

RESULT: Collected water sample(s) as mentioned above at Sr.No. 1, 2 was/were found bacteriological satisfactory, hence the water/source is fit for drinking/recreational purpose subject to satisfactory attached Physical-Chemical Analysis report also.

Collected water sample(s) as mentioned above at Sr.No. 1, 2 was/were found bacteriological unsatisfactory, hence it is advised that the water/source may not be fit for drinking/recreational purpose as such.

f. P. Singh
 6.5.2022
 Asst. Bact.

V.P. Singh
 06/05/2022
 Bacteriologist (South)

V.P. Singh
 7/5/22
 ACWA (South)
 Assistant Chief Water Analyst
 Delhi Jal Board (A Govt. of Delhi)
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 W.W. Okhla New Delhi - 110 025



ZONAL LABORATORY (SOUTH)
OKHLA WATER WORKS
DELHI JAL BOARD
DELHI-110025

8006

ACWA(S)/PAID/2022-23/PS-P9/CHALLAN NO-336, DT 30.03.2022

M/S NATIONAL PUBLIC SCHOOL ,KALINDI COLONY, MAHARANIBAGH, NEW DELHI-110065	
ADDRESS OF SAMPLE -1	TAP (DJB SUPPLY) BACK SIDE OF SECURITY ROOM, IN GARTDEN
ADDRESS OF SAMPLE -2	TAP DRINKING POINT, NR ROOM NO-03 CLASS-1-A G/FLOOR
Date of collection & COLLECTED BY	25.04.2022 & COLLECTED BY MR.BACHCHU SINGH A/CHEMIST

S.No	Characteristics	Unit	Acceptable Limit	Permissible Limit	Test Method	Sample No-1	Sample No-2
Table 1: Physical Examination							
1.	Clarity	Unit	5	15	IS 3025 Part-4	Clear	Clear
2.	Odour	---	Agreeable	Agreeable	IS 3025 Part-5	Agreeable	Agreeable
3.	pH Value	---	6.5-8.5	No relaxation	IS 3025 Part-11	7.6	7.6
4.	Conductivity	µmho/cm ²	---	---	---	270	322
	Total Dissolved Solids	mg/L	500	2000	IS 3025 Part-16	176	209
6.	Turbidity	NTU	1	5	IS 3025 Part-10	1.03	1.10

Table 2: CHEMICAL EXAMINATION							
1.	Phenolphthalein Alkalinity	mg/L	---	---	---	NIL	NIL
2.	Total Alkalinity (as CaCO ₃)	mg/L	200	600	IS 3025 Part-23	84	96
3.	Total Hardness (as CaCO ₃)	mg/L	200	600	IS 3025 Part-21	114	120
4.	Carbonate hardness	mg/L	---	---	---	84	96
5.	Non-Carbonate Hardness	mg/L	---	---	---	30	24
6.	Calcium Hardness	mg/L	---	---	---	80	90
7.	Magnesium Hardness	mg/L	---	---	---	34	30
	Ammonia (as Total N)	mg/L	0.5	No relaxation	IS 3025 Part-34	ND	ND
9.	Nitrite (as N)	mg/L	---	---	---	ND	ND
10.	Nitrate	Mg/L	---	45.0	IS 3025 Part-34	4.85	4.64
11.	Sulphate (as SO ₄)	mg/L	200	400	IS 3025 Part-24	20	31
12.	Chloride (as Cl)	mg/L	250	1000	IS 3025 Part-40	18	20
13.	Iron	Mg/l	---	1.0	IS 3025 Part-53	0.04	0.06
14.	Fluoride	mg/L	1.0	1.5	IS 3025 Part-60	0.2	0.18
15.	Calcium (as Ca)	mg/L	75	200	IS 3025 Part-57	32.0	36.0
16.	Magnesium (as Mg)	mg/L	30	100	IS 3025 Part-46	8.16	7.2
17.	Free Residual Chlorine	mg/L	0.2	1	IS 3025 Part-26	1.25	NIL

REMARKS: AS PER BIS-10500:2012 ON THE BASIS OF TESTED PARAMETERS, THE ABOVE BOTH SAMPLE RESULTS ARE WITHIN THE PERMISSIBLE LIMIT. SUBJECT TO SATISFACTORY BACTERIOLOGICAL REPORT.

W.W. Okhla New Delhi 110025

ACWA(SOUTH)

CHEMIST

A/CHEMIST