



# OFFICE OF THE ACWA (RWS&BP)

DELHI JAL BOARD  
GOVT. OF N.C.T. OF DELHI  
RWS QUALITY CONTROL DIVISION  
(South/South-West) GK-1



Bottling Plant Greater Kailash I, New Delhi-110048

Analysis Report of water sample collected from:-Vide challan No-296dt-15.02.2021  
M/S K.S.K. Academy H-117, Ratiya Marg (Chahal Complex) Sangam Vihar, New Delhi-110080

(i) U.G.T. , K.S.K. Academy Ratiya Marg (Chahal Complex) Sangam Vihar

(ii) W/ Cooler Nr. Class room , H-117

DATE :- 26.02.2021

S.No.	PARTICULARS	Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate source	Method of Test, Ref to part of IS-3025	RESULTS	
<b>PHYSICAL EXAMINATION</b>						
					(i)	(ii)
1.	Date of Collection				22.02.2021	22.02.2021
2.	Clarity/Colour	5 HU	15 HU	Part-4	Clear	Clear
3.	Odour	Agreeable	Agreeable	Part-5	Agreeable	Agreeable
4.	Taste	Agreeable	Agreeable	Part-7 and 8	Agreeable	Agreeable
5.	Turbidity	1.0 NTU	5.0 NTU	Part-10	1.03	1.20
6.	pH Value	6.5-8.5	No relaxation	Part-11	7.65	7.84
7.	Conductivity	--	--		296	182.7
8.	T.D.S.	500 mg/L	2000 mg/L	Part-16	191	117.7
<b>CHEMICAL EXAMINATION</b>						
1.	Pth Alkalinity as CaCO <sub>3</sub>	--	--		NIL	NIL
2.	Total Alkalinity as CaCO <sub>3</sub>	200 mg/L	600 mg/L	Part-23	90	62
3.	Total Hardness as CaCO <sub>3</sub>	200 mg/L	600 mg/L	Part-21	140	80
4.	Carbonate Hardness	--	--		90	62
5.	Non Carbonate Hardness	--	--		50	18
6.	Calcium Hardness	--	--	Part-40	92	46
7.	Magnesium Hardness	--	--	Part-46	48	34
8.	Calcium as Ca	75 mg/L	200 mg/L		36.8	18.4
9.	Magnesium as Mg	30 mg/L	100 mg/L		11.52	8.16
10.	Ammonia (as N)	0.5 mg/L	No relaxation	Part-34	NIL	NIL
11.	Nitrite (as N)			Part-34	NIL	NIL
12.	Nitrate (as NO <sub>3</sub> )	45 mg/L	No relaxation	Part-34	6.46	6.34
13.	Sulphate (as SO <sub>4</sub> )	200 mg/L	400 mg/L	Part-24	34.4	17.7
14.	Chloride (as Cl)	250 mg/L	1000 mg/L	Part-32	18	12
15.	Iron (as Fe)	0.3 mg/L	No relaxation	Part-53	0.02	0.02
16.	Fluoride (as F)	1.0 mg/L	1.5 mg/L	Part-60	0.82	0.20
17.	Free Residual Chlorine	0.2 mg/L	1.0 mg/L	Part-26	1.0	NIL

**Remark:**On the basis of tested parameter, the above samples conforms to the drinking water specification, IS-10500-2012, Hence fit for drinking purpose .

ASSTT. CHEMIST

CHEMIST

ACWA

**DELHI JAL BOARD**  
GOVT. OF NCT OF DELHI  
RURAL WATER SUPPLY LABORATORY  
SOUTH, GK-I, NEW DELHI-48

Date:-24/02/2021

**Bacteriological Analysis Report**

Ref:-DJB/DTQC/ACWA, RWS (SOUTH) P.S. (Bact.)/P1 & P2

To  
M/s K.S.K. Academy Sr. Sec. Public School,  
H-117, Ratiya Marg (Chahal complex),  
Sangam Vihar, New Delhi-110080

Dept Challan No. & Date: 296 & 15/02/2021

Date of sample collection: 22/02/2021

Reported on dated: 24/02/2021

No. of sample(s): TWO (02)

Note: Coliform count at 37°C/100 ml after 48 Hrs.

S.No. as in record	Particulars	Clarity	Residual chlorine Mg/L	MPN 100 ml
P1	Underground tank (UGT) in school premises	Clear	1.0	0
P2	Water cooler near class room, Ground floor	Clear	ND	0

Remarks: The above collected water samples found satisfactory in bacteriological examination.

*P. R. Bala*  
*24/02/2021*  
Asstt. Bacteriologist

*[Signature]*  
*24/2/2021*  
Bacteriologist (RWS)

*[Signature]*  
ACWA (RWS&BP)