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## STATE LEVEL WATER TESTING LABORATORY

Public Health Engineering Department, Govt. of Bihar  
Chajjubagh, Patna - 800 001

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Ref No.: PHE/SLWTL/MFS/32

Date: 15.06.2019


### Sanitary Certificate


I hereby declare that our Team Headed by Dr. A. Upadhyay, Visited the **MAY FLOWER SCHOOL (Run & Managed by Akshay Deep Sansthan), Shyam Vihar, Khadiha, P.O.-Nisarpura, Patna-804453** on 13.06.2019. The Team Observed the School campus and the surrounding as well as Toilets are neat and clean. There is sufficient amount of Drinking water available.

The quality of water and sanitation is good.

  
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Signature with Seal

FOR MAY FLOWER SCHOOL

  
MANAGER

  
PRINCIPAL



**Technical Consultancy by - Scientific Research Laboratory**  
90, Lake East (4<sup>th</sup> Road), Santoshpur, Jadavpur, Kolkata-700 075

**STATE LEVEL WATER TESTING LABORATORY (SLWTL)**  
**PHED, GOVT. OF BIHAR**  
**CHHAJJUBAGH, PATNA-800001**  
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 90, Lake East (4<sup>th</sup>Road), Santoshpur, Jadavpur, Kolkata-700075

**TEST CERTIFICATE**

Report No: PAT/SLWTL/MFS/DW-01/19-20	Date of Reporting: 15.06.2019
Name of the Organisation: MAY FLOWER SCHOOL (Run & Managed by Akshay Deep Sanssthan)	Sample Received on: 12.06.2019
Ref.Memo No: MFS/SV/14-18/2019 dated 12.06.2019	Date of Sampling: 12.06.2019
Location: Shyam Vihar, Khadiha, P.O.-Nisarpura, Patna-804453	Source of Sample: Borewell
Sample Collected By: Not Collected by SLWTL	

**PHYSICO-CHEMICAL TEST REPORT**

Sl. No.	Parameters	Desirable Limit*	Permissible Limit* in absence of alternate source	Method of Testing Parameters	Results
1	pH Value	6.5-8.5	No relaxation	pH meter	7.10
2	Turbidity, NTU, Max	5.0	10.0	Nephelometric	1.00
3	Conductivity, $\mu$ mho/cm	-	-	Conductivity meter	584.00
4	Total Dissolved Solid, mg/l, Max.	500.0	2000.0	Conductivity meter	431.00
5	Total Hardness(as CaCO <sub>3</sub> ), mg/l, Max	300.0	600.0	EDTA method	326.00
6	Calcium(as Ca), mg/l, Max	75.0	200.0	EDTA method	52.68
7	Magnesium(as Mg), mg/l, Max	30.0	100.0	EDTA method	26.34
8	Chloride(as Cl), mg/l, Max.	250.0	1000.0	Titration	47.23
9	Alkalinity(as CaCO <sub>3</sub> ), mg/l, Max.	200.0	600.0	Titration	284.00
10	Iron(as Fe), mg/l, Max.	0.3	1.0	Phenonthroline	0.32
11	Nitrate(as NO <sub>3</sub> ), mg/l, Max.	45.0	No relaxation	UV-method	1.29
12	Sulphate(as SO <sub>4</sub> ), mg/l, Max.	200.0	400.0	Turbidimetric	12.37
13	Fluoride(as F), mg/l, Max.	1.0	1.5	SPANDS	0.28
14	Arsenic(as As), mg/l, Max.	0.01	No relaxation	AAS	BDL

Note: \*(1) Drinking Water Specification First Revision -IS:10500:2012  
 (2) BDL means Below Detection Limit  
 (3) All the testing parameters methods are taken by APHA 20th Edition

**BACTERIOLOGICAL TEST REPORT**

Sl. No.	Parameters	Permissible Limit	Method of Testing Parameters	Results
1	Coliform Organisms, MPN/100ml	**	M-Test-Tube Technique	Absent

Note: \*\*Shall not be detectable in any 100 ml sample

The results are reported based on the materials received. Sample will be destroyed after 15 days from the date of issue of the certificate unless otherwise specified. Sample will be preserved according to standard method. The test report shall not be reproduced except in full, without the written permission of the Laboratory.

Note: This Water Sample is fit for drinking purpose.

Prepared by: Scientific Research Laboratory

FOR MAY FLOWER SCHOOL

*[Signature]*  
**MANAGER**

*[Signature]*  
**PRINCIPAL**

