



# Water

Engineering & Training Centre (P.) Ltd.

Laboratory. R & D on Total Water Management, Treatment & Consultancy

## Test Report/Certificate

Name of Sender: Euro School			Source: Drinking Water		
Sample No: 927/080/081			Analyzed Date: 11/09/2023-16/09/2023		
Date of Receipt: 11/09/2023			No. of Samples: 01		
Sampled by: WETC			Location: Kathmandu, Nepal		
Parameters	Units	WHO GV	DFTQCS	Result	Methods used
PHYSICAL					
Color	Hazen	15	15 (Max)	<5.0	2120 B., APHA, 23 <sup>rd</sup> EDITION
Turbidity	NTU	5	5 (Max)	<1.0	2130 B., APHA, 23 <sup>rd</sup> EDITION
Conductivity	µS/cm	-	1500 (Max)	27.0	2510 B., APHA, 23 <sup>rd</sup> EDITION
pH	-	6.5 - 8.5	6 - 8.5*	6.5	4500-H <sup>+</sup> B., APHA, 23 <sup>rd</sup> EDITION
Lab Temperature	°C	-	-	27.4	2550 B., APHA, 23 <sup>rd</sup> EDITION
CHEMICAL					
Total Hardness	mg/l as	500	200 (Max)	4.0	2340 C., APHA, 23 <sup>rd</sup> EDITION
Total Alkalinity	mg/l as	500	600 (Max)	12.0	2320 B., APHA, 23 <sup>rd</sup> EDITION
Chloride	mg/l	250	200 (Max)	<1.0	4500-Cl <sup>-</sup> B., APHA, 23 <sup>rd</sup> EDITION
Ammonia	mg/l	1.5	1 (Max)	<0.02	4500-NH <sub>3</sub> F., APHA, 23 <sup>rd</sup> EDITION
Iron	mg/l	0.3	0.3 (Max)	0.02	3111 C., APHA, 23 <sup>rd</sup> EDITION
Manganese	mg/l	0.5	0.1 (Max)	0.01	3111 C, APHA, 23 <sup>rd</sup> EDITION
Arsenic	mg/l	0.01	0.01 (Max)	<0.005	KIT Method**
Nitrate	mg/l	50	45 (Max)	<0.02	4500-NO <sub>3</sub> B., APHA, 23 <sup>rd</sup> EDITION
Phosphate	mg/l	-	-	<0.02	4500-P E. APHA, 23 <sup>rd</sup> EDITION
BIOLOGICAL					
Total Coliforms	CFU/100ml	Nil	Nil	Nil	9222 B, APHA, 23 <sup>rd</sup> EDITION
E. coli	CFU/100ml	Nil	Nil	Nil	9222 D., APHA, 23 <sup>rd</sup> EDITION

APHA: American Public Health Association, Standard Methods for the Examination of Water & Waste Water,

WHO GV: World Health Organization Guideline Value, 2006 Update, DFTQCS: Department of Food Technology and Quality Control Standard Nepal for Processed Drinking Water

\*\*Not accredited Test Method

**Comment:** The tested Physical and Chemical parameters are within DFTQCS. Biologically, the sampled water was found free from Coliforms and E. coli organism.

Analyzed by

Checked by



Authorized Signature

- Note: 1. The result refer only to the parameters tested of the samples provided to our laboratory or collected by us for analysis as specified. Endorsement of the product is neither inferred nor implied.  
2. Any duplication of this report can not be used as evidence in the court of law and should not be used in any advertising media without prior written permission to us.  
3. The total liability of our company for the product is limited to the invoiced amount only.



# Water

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Laboratory. R & D on Total Water Management, Treatment & Consultancy

## Test Report/Certificate

Name of Sender: Euro School Pvt. Ltd.			Source: Raw Water		
Sample No: 3633/080/081			Analyzed Date: 19/03/2024-25/03/2024		
Date of Receipt: 19/03/2024			No. of Samples: 01		
Sampled by: WETC			Location: Kathmandu, Nepal		
Parameters	Units	WHO GV	DFTQCS	Result	Methods used
PHYSICAL					
Color	Hazen	15	15 (Max)	<5.0	2120 B., APHA, 23 <sup>rd</sup> EDITION
Turbidity	NTU	5	5 (Max)	<1.0	2130 B., APHA, 23 <sup>rd</sup> EDITION
Conductivity	µS/cm	-	1500 (Max)	109.0	2510 B., APHA, 23 <sup>rd</sup> EDITION
pH	-	6.5 - 8.5	6 - 8.5*	6.7	4500-H <sup>+</sup> B., APHA, 23 <sup>rd</sup> EDITION
Lab Temperature	°C	-	-	18.1	2550 B., APHA, 23 <sup>rd</sup> EDITION
CHEMICAL					
Total Hardness	mg/l as	500	200 (Max)	44.0	2340 C., APHA, 23 <sup>rd</sup> EDITION
Total Alkalinity	mg/l as	500	600 (Max)	68.0	2320 B., APHA, 23 <sup>rd</sup> EDITION
Chloride	mg/l	250	200 (Max)	<1.0	4500-Cl <sup>-</sup> B, APHA, 23 <sup>rd</sup> EDITION
Ammonia	mg/l	1.5	1 (Max)	<0.02	4500-NH <sub>3</sub> F., APHA, 23 <sup>rd</sup> EDITION
Iron	mg/l	0.3	0.3 (Max)	0.08	3111 C., APHA, 23 <sup>rd</sup> EDITION
Manganese	mg/l	0.5	0.1 (Max)	0.03	3111 C, APHA, 23 <sup>rd</sup> EDITION
Arsenic	mg/l	0.01	0.01 (Max)	<0.005	KIT Method**
Nitrate	mg/l	50	45 (Max)	0.03	4500-NO <sub>3</sub> B., APHA, 23 <sup>rd</sup> EDITION
Phosphate	mg/l	-	-	0.77	4500-P E. APHA, 23 <sup>rd</sup> EDITION
BIOLOGICAL					
Total Coliforms	CFU/100ml	Nil	Nil	11	9222 B, APHA, 23 <sup>rd</sup> EDITION
E. coli	CFU/100ml	Nil	Nil	Nil	9222 D., APHA, 23 <sup>rd</sup> EDITION

APHA: American Public Health Association, Standard Methods for the Examination of Water & Waste Water,

WHO GV: World Health Organization Guideline Value, 2006 Update, DFTQCS: Department of Food Technology and Quality Control Standard Nepal for Processed Drinking Water

\*\*Not accredited Test Method

**Comment:** The tested Physical and Chemical parameters are within DFTQCS. Biologically, the sampled water was found to be contaminated with Coliforms.

Analyzed by

Checked by



Authorized Signature

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# Water

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## Test Report/Certificate

Name of Sender: Euro School Pvt. Ltd.			Source: Drinking Water		
Sample No: 3634/080/081			Analyzed Date: 19/03/2024-25/03/2024		
Date of Receipt: 19/03/2024			No. of Samples: 01		
Sampled by: WETC			Location: Kathmandu, Nepal		
Parameters	Units	WHO GV	DFTQCS	Result	Methods used
PHYSICAL					
Color	Hazen	15	15 (Max)	<5.0	2120 B., APHA, 23 <sup>rd</sup> EDITION
Turbidity	NTU	5	5 (Max)	<1.0	2130 B., APHA, 23 <sup>rd</sup> EDITION
Conductivity	µS/cm	-	1500 (Max)	24.0	2510 B., APHA, 23 <sup>rd</sup> EDITION
pH	-	6.5 - 8.5	6 - 8.5*	6.5	4500-H <sup>+</sup> B., APHA, 23 <sup>rd</sup> EDITION
Lab Temperature	°C	-	-	18.1	2550 B., APHA, 23 <sup>rd</sup> EDITION
CHEMICAL					
Total Hardness	mg/l as	500	200 (Max)	10.0	2340 C., APHA, 23 <sup>rd</sup> EDITION
Total Alkalinity	mg/l as	500	600 (Max)	18.0	2320 B., APHA, 23 <sup>rd</sup> EDITION
Chloride	mg/l	250	200 (Max)	1.98	4500-Cl <sup>-</sup> B., APHA, 23 <sup>rd</sup> EDITION
Ammonia	mg/l	1.5	1 (Max)	<0.02	4500-NH <sub>3</sub> F., APHA, 23 <sup>rd</sup> EDITION
Iron	mg/l	0.3	0.3 (Max)	0.01	3111 C., APHA, 23 <sup>rd</sup> EDITION
Manganese	mg/l	0.5	0.1 (Max)	<0.01	3111 C, APHA, 23 <sup>rd</sup> EDITION
Arsenic	mg/l	0.01	0.01 (Max)	<0.005	KIT Method**
Nitrate	mg/l	50	45 (Max)	0.05	4500-NO <sub>3</sub> B., APHA, 23 <sup>rd</sup> EDITION
Phosphate	mg/l	-	-	0.16	4500-P E. APHA, 23 <sup>rd</sup> EDITION
BIOLOGICAL					
Total Coliforms	CFU/100ml	Nil	Nil	Nil	9222 B, APHA, 23 <sup>rd</sup> EDITION
E. coli	CFU/100ml	Nil	Nil	Nil	9222 D., APHA, 23 <sup>rd</sup> EDITION

APHA: American Public Health Association, Standard Methods for the Examination of Water & Waste Water,

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