



SHIVA TEST HOUSE

(Serving since 1988)



TC-10582

RECOGNISED AS ENVIRONMENTAL LABORATORY BY MoEFCC, GOVT. OF INDIA, UNDER ENVIRONMENT (PROTECTION) ACT 1986, DEPTT. OF INDUSTRY, FORESTS & ENVIRONMENT, GOVT. OF BIHAR AND BIHAR STATE POLLUTION CONTROL BOARD

TEST REPORT

Ref. No. STH/TR/24-25/129 Dt: 11.04.2024 Your Work Order No. BDBPL/2023-24/WO-32A Dt: 15.06.2023							
[a] Name and address of the Customer				BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203			
[b] Details of Sample				Borewell Water Sample			
[c] Sample Collected by				By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24			
[d] Sampling Location				Collected from Borewell No. 1 Near Mill Section			
[e] Method of Sampling				IS 3025, APHA			
[f] Sampling Environmental Condition				Temp (°C)	36	Humidity (%)	52
[g] Details of Sample Container (No. & Type of Container)				Polypropylene bottle (02)			
[h] Sample Quantity				2 Liters			
[i] Sample Code				BW-129/04/24			
[j] Sample Condition on Receipt				Fit for analysis			
[k] Items required to be tested				As per contract.			
[l] Whether any specific Method of Test has been suggested by the customer				No			
[m] Date of receiving the sample in Laboratory				04.04.24			
[n] Analysis Start Date / Analysis Completion Date				04.04.24 / 09.04.24			
S.N	Parameters	Unit	Method of Test	Limit as per IS 10500: 2012		Results	
				Limit (mg/l.) Acceptable	Permissible Limit in the absence of alternative source		
1	Colour	Hazen	IS 3025 (Part-4)	5	15	< 5.00	
2	Odour	-----	IS 3025 (Part-5)	Agreeable	Agreeable	Agreeable	
3	Taste	-----	IS 3025 (Part-7))	Agreeable	Agreeable	Agreeable	
4	pH at 25°C	-----	IS 3025 (Part-11)	6.5	8.5	7.23	
5	Turbidity on NTU	NTU	IS 3025 (Part-10)	1.0	5.0	0.9	
6	Total Dissolved Solids (TDS)	mg/l.	IS 3025 (Part-16)	500.00	2000.00	308.0	
7	Total Hardness as CaCO ₃	mg/l.	IS 3025 (Part-21)	200.00	600.00	180.0	
8	Calcium as Ca	mg/l.	IS 3025 (Part-40)	75.00	200.00	37.6	
9	Magnesium as Mg	mg/l.	IS 3025 (Part-46)	30.00	100.0	20.9	
10	Iron as Fe	mg/l.	IS 3025 (Part-53)	1.0	No relaxation	0.28	
11	Total Alkalinity as CaCO ₃	mg/l.	IS 3025 (Part-23)	200.00	600.00	198.0	
12	Chloride as Cl	mg/l.	IS 3025 (Part-32)	250.00	1000.00	19.0	
13	Sulphate as SO ₄	mg/l.	IS 3025 (Part-24)	200.00	400.00	23.0	
14	Nitrate as NO ₃	mg/l.	IS 3025 (Part-34)	45.00	No relaxation	2.87	
15	Fluoride as F	mg/l.	APHA 4500 (F D)	1.0	1.5	0.28	
16	Arsenic as As	mg/l.	APHA 4014 B	0.01	0.05	<0.01	

Shibeswar Prasad
Digitally signed by Shibeswar Prasad
Date: 2024.04.11
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Verified by :
Dr. Shibeshwar Prasad
Technical Manager



Shreyasee Prasad
Digitally signed by Shreyasee Prasad
Date: 2024.04.11
15:47:07 +05'30'

Authorized Signatory
Dr. (Mrs.) Shreyasee Prasad
Quality Manager

-- END OF TEST REPORT --

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TEST REPORT

Ref. No. STH/TR/24-25/129(Mcb) Dt: 11.04.2024 Your Work Order No. BDBPL/2023-24/WO-32A Dt: 15.06.2023

[a] Name and address of the Customer				BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203	
[b] Details of Sample				Borewell Water Sample	
[c] Sample Collected by				By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24	
[d] Sampling Location				Collected from Borewell No. 1 Near Mill Section	
[e] Method of Sampling				IS 1622	
[f] Sampling Environmental Condition				Temp (°C)	36 Humidity (%) 52
[g] No. & Type of Container				One Sterilized Glass Bottle	
[h] Sample Quantity				250 ml	
[i] Sample Code				BW-129/04/24	
[j] Sample Condition on Receipt				Fit for analysis	
[k] Items required to be tested				As per contract.	
[l] Whether any specific Method of Test has been suggested by the customer				No	
[m] Date of receiving the sample in Laboratory				04.04.24	
[n] Analysis Start Date / Analysis Completion Date				04.04.24 / 05.04.24	
S.N.	Parameters	Unit	Method of Test	Limit as per IS 10500: 2012	Results
1	Total Coliform	/ 100 ml	IS 1622:1981	Shall not be detectable in 100 ml.	Not Detected / 100 ml
2	E coli	/ 100 ml	IS 1622:1981	Shall not be detectable in 100 ml.	Not Detected / 100 ml



Vishal Sharma
 Authorized Signatory
 Mr. Vishal Sharma
 Deputy Quality Manager (DQM)

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TEST REPORT

Ref. No. STH/TR/24-25/130		Dt: 11.04.2024		Your Work Order No. BDBPL/2023-24/WO-32A		Dt: 15.06.2023	
[a] Name and address of the Customer				BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203			
[b] Details of Sample				Raw Water sample from Borewell			
[c] Sample Collected by				By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24			
[d] Sampling Location				Collected from Borewell No. 2 near Weight Bridge			
[e] Method of Sampling				IS 3025, APHA			
[f] Sampling Environmental Condition				Temp (°C)	36	Humidity (%)	52
[g] Details of Sample Container (No. & Type of Container)				Polypropylene bottle (02)			
[h] Sample Quantity				2 Liters			
[i] Sample Code				BW-130/04/24			
[j] Sample Condition on Receipt				Fit for analysis			
[k] Items required to be tested				As per contract.			
[l] Whether any specific Method of Test has been suggested by the customer				No			
[m] Date of receiving the sample in Laboratory				04.04.24			
[n] Analysis Start Date / Analysis Completion Date				04.04.24 / 09.04.24			
S.N.	Parameters	Unit	Method of Test	Limit as per IS 10500 : 2012		Results	
				Limit (mg/l.) Acceptable	Permissible Limit in the absence of alternative source		
1	Colour	Hazen	IS 3025 (Part-4)	5	15	< 5.00	
2	Odour	-----	IS 3025 (Part-5)	Agreeable	Agreeable	Agreeable	
3	Taste	-----	IS 3025 (Part-7))	Agreeable	Agreeable	Agreeable	
4	pH at 25°C	-----	IS 3025 (Part-11)	6.5	8.5	7.64	
5	Turbidity on NTU	NTU	IS 3025 (Part-10)	1.0	5.0	0.9	
6	Total Dissolved Solids (TDS)	mg/l.	IS 3025 (Part-16)	500.00	2000.00	296.0	
7	Total Hardness as CaCO ₃	mg/l.	IS 3025 (Part-21)	200.00	600.00	180.0	
8	Calcium as Ca	mg/l.	IS 3025 (Part-40)	75.00	200.00	40.8	
9	Magnesium as Mg	mg/l.	IS 3025 (Part-46)	30.00	100.0	19.0	
10	Iron as Fe	mg/l.	IS 3025 (Part-53)	1.0	No relaxation	0.26	
11	Total Alkalinity as CaCO ₃	mg/l.	IS 3025 (Part-23)	200.00	600.00	208.0	
12	Chloride as Cl	mg/l.	IS 3025 (Part-32)	250.00	1000.00	19.0	
13	Sulphate as SO ₄	mg/l.	IS 3025 (Part-24)	200.00	400.00	22.8	
14	Nitrate as NO ₃	mg/l.	IS 3025 (Part-34)	45.00	No relaxation	3.21	
15	Fluoride as F	mg/l.	APHA 4500 (F D)	1.0	1.5	0.28	
16	Arsenic as As	mg/l.	APHA 4014 B	0.01	0.05	<0.01	

Shibeswar Prasad

Digitally signed by Shibeswar Prasad
Date: 2024.04.11
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Verified by :

Dr. Shibeshwar Prasad
Technical Manager



Shreyasee Prasad

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Authorized Signatory

Dr. (Mrs.) Shreyasee Prasad
Quality Manager

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TEST REPORT

Ref. No. STH/TR/24-25/130(Mcb)				Dt: 11.04.2024		Your Work Order No. BDBPL/2023-24/WO-32A		Dt: 15.06.2023			
[a] Name and address of the Customer				BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203							
[b] Details of Sample				Raw Water sample from Borewell							
[c] Sample Collected by				By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24							
[d] Sampling Location				Collected from Borewell No. 2 near Weight Bridge							
[e] Method of Sampling				IS 1622							
[f] Sampling Environmental Condition				Temp (⁰ c)		36		Humidity (%)		52	
[g] No. & Type of Container				One Sterilized Glass Bottle							
[h] Sample Quantity				250 ml							
[i] Sample Code				BW-130/04/24							
[j] Sample Condition on Receipt				Fit for analysis							
[k] Items required to be tested				As per contract							
[l] Whether any specific Method of Test has been suggested by the customer				No							
[m] Date of receiving the sample in Laboratory				04.04.24							
[n] Analysis Start Date / Analysis Completion Date				04.04.24 / 05.04.24							
S.N.		Parameters		Unit		Method of Test		Limit as per IS 10500: 2012		Results	
1		Total Coliform		/ 100 ml		IS 1622:1981		Shall not be detectable in 100 ml.		Not Detected / 100 ml	
2		E coli		/ 100 ml		IS 1622:1981		Shall not be detectable in 100 ml.		Not Detected / 100 ml	



Vishal Sharma
 Authorized Signatory
 Mr. Vishal Sharma
 Deputy Quality Manager (DQM)

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TEST REPORT

Ref. No. STH/TR/24-25/131				Dt: 11.04.2024		Your Work Order No. BDBPL/2023-24/VO-32A		Dt: 15.06.2023	
[a] Name and address of the Customer				BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203					
[b] Details of Sample				Borewell Water Sample					
[c] Sample Collected by				By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24					
[d] Sampling Location				Collected from Borewell No.3 Near 95 TPH Chimney					
[e] Method of Sampling				IS 3025, APHA					
[f] Sampling Environmental Condition				Temp (°c)	36	Humidity (%)	52		
[g] Details of Sample Container (No. & Type of Container)				Polypropylene bottle (02)					
[h] Sample Quantity				2 Liters					
[i] Sample Code				BW-131/04/24					
[j] Sample Condition on Receipt				Fit for analysis					
[k] Items required to be tested				As per contract.					
[l] Whether any specific Method of Test has been suggested by the customer				No					
[m] Date of receiving the sample in Laboratory				04.04.24					
[n] Analysis Start Date / Analysis Completion Date				04.04.24 / 09.04.24					
S.N.	Parameters	Unit	Method of Test	Limit as per IS 10500: 2012		Results			
				Limit (mg/l.) Acceptable	Permissible Limit in the absence of alternative source				
1	Colour	Hazen	IS 3025 (Part-4)	5	15	< 5.00			
2	Odour	-----	IS 3025 (Part-5)	Agreeable	Agreeable	Agreeable			
3	Taste	-----	IS 3025 (Part-7))	Agreeable	Agreeable	Agreeable			
4	pH at 25°C	-----	IS 3025 (Part-11)	6.5	8.5	7.62			
5	Turbidity on NTU	NTU	IS 3025 (Part-10)	1.0	5.0	0.8			
6	Total Dissolved Solids (TDS)	mg/l.	IS 3025 (Part-16)	500.00	2000.00	265.0			
7	Total Hardness as CaCO ₃	mg/l.	IS 3025 (Part-21)	200.00	600.00	202.0			
8	Calcium as Ca	mg/l.	IS 3025 (Part-40)	75.00	200.00	41.6			
9	Magnesium as Mg	mg/l.	IS 3025 (Part-46)	30.00	100.0	18.0			
10	Iron as Fe	mg/l.	IS 3025 (Part-53)	1.0	No relaxation	0.25			
11	Total Alkalinity as CaCO ₃	mg/l.	IS 3025 (Part-23)	200.00	600.00	202.0			
12	Chloride as Cl	mg/l.	IS 3025 (Part-32)	250.00	1000.00	19.0			
13	Sulphate as SO ₄	mg/l.	IS 3025 (Part-24)	200.00	400.00	23.0			
14	Nitrate as NO ₃	mg/l.	IS 3025 (Part-34)	45.00	No relaxation	2.84			
15	Fluoride as F	mg/l.	APHA 4500 (F D)	1.0	1.5	0.29			
16	Arsenic as As	mg/l.	APHA 4014 B	0.01	0.05	<0.01			

Shibeswar Prasad
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Date: 2024.04.11
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Verified by :
Dr. Shibeshwar Prasad
Technical Manager



Shreyasee Prasad
Digitally signed by
Shreyasee Prasad
Date: 2024.04.11
15:50:40 +05'30'

Authorized Signatory
Dr. (Mrs.) Shreyasee Prasad
Quality Manager

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TEST REPORT

Ref. No. STH/TR/24-25/131(Mcb) Dt: 11.04.2024 Your Work Order No. BDBPL/2023-24/WO-32A Dt: 15.06.2023					
[a] Name and address of the Customer			BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203		
[b] Details of Sample			Borewell Water Sample		
[c] Sample Collected by			By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24		
[d] Sampling Location			Collected from Borewell No.3 Near 95 TPH Chimney		
[e] Method of Sampling			IS 1622		
[f] Sampling Environmental Condition			Temp (°C)	36	Humidity (%) 52
[g] No. & Type of Container			One Sterilized Glass Bottle		
[h] Sample Quantity			250 ml		
[i] Sample Code			BW-131/04/24		
[j] Sample Condition on Receipt			Fit for analysis		
[k] Items required to be tested			As per contract.		
[l] Whether any specific Method of Test has been suggested by the customer			No		
[m] Date of receiving the sample in Laboratory			04.04.24		
[n] Analysis Start Date / Analysis Completion Date			04.04.24 / 05.04.24		
S.N.	Parameters	Unit	Method of Test	Limit as per IS 10500: 2012	Results
1	Total Coliform	/ 100 ml	IS 1622:1981	Shall not be detectable in 100 ml.	Not Detected / 100 ml
2	E coli	/ 100 ml	IS 1622:1981	Shall not be detectable in 100 ml.	Not Detected / 100 ml



Vishal Sharma
 Authorized Signatory
 Mr. Vishal Sharma
 Deputy Quality Manager (DQM)

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