





RECOGINSED 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 Orde	er No. BDBPL/20	23-24/WO-32A D	t: 15.06.2023			
[a] N	lame and address of the Customo	BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203							
[b] D	etails of Sample			Borewell Water	Borewell Water Sample				
[c] S	cample Collected by			By Prem Kuma Test House on	ar (Lab Representativ 03.04.24	e) of Shiva			
[d] S	Sampling Location			Collected from Bo	rewell No. 1 Near Mill S	Section			
[e] N	Nethod of Sampling			IS 3025, APHA	1				
[f] S	sampling Environmental Condition	1		Temp (°C)	36 Humidity (%	52			
[g] D	etails of Sample Container (No. 8	& Type of (	Container)	Polypropylene b					
	Sample Quantity		•	2 Liters	·				
[i] S	Sample Code			BW-129/04/24					
[j] S	Sample Condition on Receipt			Fit for analysis					
[k] It	ems required to be tested			As per contrac	t.				
	Vhether any specific Method of Teustomer	est has bee	en suggested by the	No					
[m] D	ate of receiving the sample in La	boratory		04.04.24	04.04.24				
[n] A	nalysis Start Date / Analysis Con	pletion Da	ite	04.04.24 / 09.0	04.04.24 / 09.04.24				
				Limit as per IS 10500: 2012					
S.N	Parameters	Unit	Method of Test	Limit (mg/l.) Acceptable	Permissible Limit in the absence of alternative source	Results			
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 <sub>3</sub>	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 CaCO₃	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 <sub>4</sub>	mg/l.	IS 3025 (Part-24)	200.00	400.00	23.0			
14	Nitrate as NO <sub>3</sub>	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			

Prasad

Shibeswar Digitally signed by Shibeswar Prasad Date: 2024.04.11 15:35:53 +05'30'

Verified by: Dr. Shibeshwar Prasad Technical Manager



Prasad

Shreyasee 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 --This report applies only to sample tested as above.

Total Liability of our Laboratory is limited to invoiced amount.

Test Report endorsed only the tests and not the product certificate.

Test Report can not be reproduced partially or full for legal/court purpose without written permission of the Laboratory.

Contact us:

122-C, Aastha, Road No. 5A, Patliputra Colony, Patna - 800 013 (Bihar)

Mob.: +918676886249; +919431047908 Email: sthpatnal@yahoo.co.in; info@shivatest.com

Website: www.shivatest.com; www.shivatesthouse.com





# **SHIVA TEST HOUSE**



(Serving since 1988)

RECOGINSED 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.	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] Nam	e and address of th	ne Customer		BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203					
[b] Deta	ils of Sample			Borewell Water	r Sample				
[c] Sam	ple Collected by			By Prem Kum House on 03.0		esentative) of Shiv	va Test		
[d] Sam	pling Location			Collected from B	Rorewell No. 1 N	lear Mill Section			
[e] Meth	od of Sampling			IS 1622					
[f] Sam	pling Environmenta	al Condition		Temp (°c)	36	Humidity (%)	52		
[g] No.	& Type of Containe	er		One Sterilized Glass Bottle					
[h] Sam	ple Quantity			250 ml					
[i] Sam	ple Code			BW-129/04/24					
[j] Sam	ple Condition on R	eceipt		Fit for analysis					
	s required to be tes			As per contract.					
	ther any specific M ested by the custo		t has been	No					
[m] Date	of receiving the sa	imple in Labo	oratory	04.04.24					
[n] Anal	ysis Start Date / Ar	nalysis Comp	letion Date	04.04.24 / 05.04.24					
S.N.	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 dete ml.	ctable in 100	Not Detected	/ 100 ml		
2	E coli	/ 100 ml	IS 1622:1981	Shall not be detectable in 100 not De			/ 100 ml		



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

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### TEST REPORT

Ref. No	o. STH/TR/24-25/130 Dt: 11.04.2	2024	Your Work Order	No. BDBPL/202	3-24/WO-32A Dt:	15.06.2023	
[a] Na	ame and address of the Custome	BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203					
[b] D	etails of Sample			Raw Water samp	le from Borewell		
[c] Sa	ample Collected by	By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24					
[d] Sa	ampling Location			Collected from B	orewell No. 2 near We	eight Bridge	
	ethod of Sampling			IS 3025, APHA			
	ampling Environmental Condition			Temp (°C)	36 Humidity (%	52	
	etails of Sample Container (No. &	Type of C	Container)	Polypropylene bo	ttle (02)		
	ample Quantity			2 Liters			
	ample Code			BW-130/04/24			
[j] S	ample Condition on Receipt			Fit for analysis			
	ems required to be tested			As per contract.			
	hether any specific Method of Te	st has bee	en suggested	No			
	ate of receiving the sample in Lab	oratory		04.04.24			
[n] A	nalysis Start Date / Analysis Com	oletion Da	te	04.04.24 / 09.04.24			
				Limit as per IS 10500 : 2012			
S.N.	Parameters	Unit	Method of Test	Limit (mg/l.) Acceptable	Permissible Limit in the absence of alternative source	Results	
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 <sub>3</sub>	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 <sub>3</sub>	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 <sub>4</sub>	mg/l.	IS 3025 (Part-24)	200.00	400.00	22.8	
14	Nitrate as NO <sub>3</sub>	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	

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Shibeswar Shibeswar Prasad Digitally signed by Date: 2024.04.11 15:36:32 +05'30'

Verified by: Dr. Shibeshwar Prasad Technical Manager



Shreyasee Digitally signed by Shreyasee Prasad Prasad

Date: 2024.04.11 15:47:44 +05'30'

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

-- END OF TEST REPORT -

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### **TEST REPORT**

Ref. No. S	TH/TR/24-25/130(Mcl	Dt: 1	1.04.2024 Your V	Vork Order No. B	BDBPL/2023-	-24/WO-32A Dt:	15.06.2023	
[a] Nam	e and address of th	ne Customer		BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203				
[b] Deta	ils of Sample			Raw Water sam	ple from Boi	ewell		
[c] Sam	ple Collected by			By Prem Kuma House on 03.0	1000	resentative) of Shir	va Test	
[d] Sam	pling Location			Collected from	Borewell No.	2 near Weight Brid	lge	
[e] Meth	od of Sampling			IS 1622				
[f] Sam	pling Environmenta	al Condition		Temp (°c)	36	Humidity (%)	52	
[g] No.	& Type of Containe	er		One Sterilized Glass Bottle				
[h] Sam	ple Quantity			250 ml				
[i] Sam	ple Code			BW-130/04/24				
[j] Sam	ple Condition on R	eceipt		Fit for analysis				
[k] Items	s required to be tes	sted		As per contract				
	ther any specific M ested by the custo		t has been	No				
[m] Date	of receiving the sa	mple in Labo	oratory	04.04.24				
[n] Anal	ysis Start Date / Ar	alysis Comp	letion Date	04.04.24 / 05.04.24				
S.N.	Parameters	Unit	Method of Test	Test Limit as per IS 10500: 2012		Results		
1	Total Coliform	/ 100 ml	IS 1622:1981	Shall not be detec	ctable in 100	Not Detected	/ 100 ml	
2	E coli	/ 100 ml	IS 1622:1981	Shall not be deter	ctable in 100	Not Detected	/ 100 ml	



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

-- END OF TEST REPORT --

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# TEST REPORT

Ref. I	No. STH/TR/24-25/131 Dt: 11.	04.2024	Your Work Ord	er No. BDBPL/2	023-24/WO-32A D	t: 15.06.2023			
[a] Na	ame and address of the Custome	BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203							
[b] De	etails of Sample			Borewell Water	Borewell Water Sample				
[c] Sa	ample Collected by	By Prem Kum Test House or	ar (Lab Representativ n 03.04.24	ve) of Shiva					
[d] Sa	ampling Location			Collected from B	orewell No.3 Near 95 TP	H Chimney			
[e] Me	ethod of Sampling			IS 3025, APH/	4				
[f] Sa	ampling Environmental Condition			Temp (0c)	36 Humidity (%	52			
[g] De	etails of Sample Container (No. 8	Type of	Container)	Polypropylene b					
[h] Sa	imple Quantity			2 Liters					
[i] Sa	ample Code			BW-131/04/24					
[j] Sa	imple Condition on Receipt			Fit for analysis					
[k] Ite	ms required to be tested			As per contrac	t.				
	hether any specific Method of Te e customer	st has be	en suggested by	No					
[m] Da	ate of receiving the sample in Lab	oratory		04.04.24	04.04.24				
[n] Ar	nalysis Start Date / Analysis Com	pletion Da	ate	04.04.24 / 09.0	04.04.24 / 09.04.24				
				Limit as per	Limit as per IS 10500: 2012				
S.N.	Parameters	Unit	Method of Test	Limit (mg/l.) Acceptable	Permissible Limit in the absence of alternative source	Results			
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 <sub>3</sub>	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 CaCO₃	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 <sub>4</sub>	mg/l.	IS 3025 (Part-24)	200.00	400.00	23.0			
14	Nitrate as NO <sub>3</sub>	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			

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Shibeswa Digitally signed by Shibeswar Prasad Digitally signed by Date: 2024.04.11 15:38:05 +05'30'

Verified by: Dr. Shibeshwar Prasad Technical Manager



Shreyase e Prasad

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

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

-- END OF TEST REPORT --

This report applies only to sample tested as above.

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# **TEST REPORT**

Ref. No. S	STH/TR/24-25/131(M	lcb) Dt: 11.0	04.2024 Your Wo	rk Order No. BD	BPL/2023-24	/WO-32A Dt: 15.0	6.2023
[a] Nam	e and address of th	ne Customer		BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203			
[b] Deta	ils of Sample			Borewell Water	r Sample		
[c] Sam	ple Collected by			By Prem Kum House on 03.0		resentative) of Shive	a Test
[d] Sam	pling Location			Collected from B	Rorewell No.3 N	Near 95 TPH Chimney	
[e] Meth	od of Sampling			IS 1622			
[f] Sam	pling Environmenta	al Condition		Temp (0c)	36	Humidity (%)	52
[g] No.	& Type of Containe	er		One Sterilized Glass Bottle			
[h] Sam	ple Quantity			250 ml			
[i] Sam	ple Code			BW-131/04/24			
[j] Sam	ple Condition on R	eceipt		Fit for analysis			
• 60.	s required to be tes	*100021010		As per contract.			
	ther any specific M ested by the custo		t has been	No			
[m] Date	of receiving the sa	ample in Labo	oratory	04.04.24			
[n] Anal	ysis Start Date / Ar	alysis Comp	letion Date	04.04.24 / 05.04.24			
S.N.	Parameters	Unit	Method of Test	Limit as per 201		Results	
1	Total Coliform / 100 ml IS 1622:1981 Shall not be		Shall not be dete ml.	ctable in 100	Not Detected /	100 ml	
2 E coli / 100 ml IS 1622:1981		IS 1622:1981	Shall not be detectable in 100 nd. Not Detected / 100			100 ml	



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

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