



(Serving since 1908)

RECOGINSEN AS ENUMERADE LABORATORY DE MOEFUC, GOVI. OF INDIA, UMDER ENVIRONMENT (PROJECTION) ACT 1986, DEPTT. OF INDUSTRY, FORESTS & ENVIRONMENT, GOVT. OF BIHAR AND BIHAR STATE POLLUTION CONTROL BOARD

TEST REPORT

Re	f. No. STH/TR/22-23/7061 Dt:	17.03.2023	Your Work C	order No. 8917	Dt:	17.01.202		
[a]	Name and address of the Customer		Chief Genera M/s Harinaga P.O.: Harinag W. CHAMPARA	ar Sugar Mill gar	s			
[b]	Details of Sample	in the state of	Untreated Efflu	ent Sample				
[c]	Sample Collected by		SHIVA TEST HOUSE on 05.03.23					
[d]	Sampling Location		From Inlet of E					
[e]	Method of Sampling		IS 3025, APHA					
[f]	Sampling Environmental Condition		Temp. (°C)	28	Humidity (%)	69		
[g]	No. & Type of Container		Plastic Bottle					
[h]	Sample Quantity	3/1-1	2 Litres					
[i]	Sample Code	12-7007						
[j]	Sample Condition on Receipt		Fit for Analysis					
[k]	Items required to be tested		As per contract					
[1]	Whether any specific Method of Test been suggested by the party	has	No					
[m]	Date of receiving the sample in Labor	atory	06.03.23					
[n]	Analysis Start Date / Analysis Comple		06.03.23 / 09.03.23					
SI. No.	Parameters	Unit		Method of Test		esult		
1.	На		IS 30	25 (Part-11)		7.36		
2.	Suspended Solids	mg/l.)25(Part-17)		261.0		
3.	Total Dissolved Solids	mg/l.	IS 3025(Part-16)			842.0		
4.	Oil & Grease	mg/l.		25 (Part-39)		4.6		
5.	B.O.D (3 days at 27°C)	mg/l.		25 (Part-44)	9	20.0		
3.	C.O.D	mg/l.		IA (5220 B)		64.0		
7.	Dissolved Phosphate as P	mg/l.		(4500-P-D)		0.76		
101,	100 mg	pro-table states				J. 7 U		
3.	Ammonical Nitrogen as N	mg/l.	IS 30	25 (Part-34)		19.0		

SHIBESHW AR PRASAD Date: 2023.03.17

Digitally signed by SHIBESHWAR PRASAD

Verified by: Technical Manager



- END OF TEST REPORT --

Shreyasee Prasad

CH CHEMPATA

Bihar

Digitally signed by Shreyasee Prasad Date: 2023.03.17 11:51:10 +05'30'

Authorized Signatory Quality Manager

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

Contact us:

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

Mob.: +918676886249; +919431047908

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





(Serving since 1988).

RECOGINSED AS ENVIRONMENTAL LABORATORY BY MOEFCC, GOVI. 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/22-23/6280 Dt: 22	2.02.2023	Your Work C	order No. 89	917 Dt : 1	17.01.2021		
[a]	Name and address of the Customer		Chief General M/s Harinag P.O.: Harina W. CHAMPAR	ar Sugar N gar	lills			
[b]	Details of Sample	I PAT	Untreated Efflu	ent Sample				
[c]	Sample Collected by		SHIVA TEST	HOUSE o	n 11.02.23			
[d]	Sampling Location		From Inlet of E					
[e]	Method of Sampling		IS 3025, APHA	\				
[f]	Sampling Environmental Condition		Temp. (°C)	24	Humidity (%)	68		
[g]	No. & Type of Container		Plastic Bottle		W-0000000000			
[h]	Sample Quantity		2 Litres					
[i]	Sample Code		E-6280					
[j]	Sample Condition on Receipt		Fit for Analysis As per contract					
[k] [l]	Items required to be tested Whether any specific Method of Test I been suggested by the party	No No						
[m]	Date of receiving the sample in Labora	13.02.23						
[n]	Analysis Start Date / Analysis Comple		13.02.23 / 16	.02.23				
SI. No.	Parameters	Unit		Method of	Test R	lesult		
1.	pH		IS 3	025 (Part-	11)	6.19		
2.	Suspended Solids	mg/l.	IS:	3025(Part-	17)	310.0		
3.	Total Dissolved Solids	mg/l.	IS:	3025(Part-	16) 2	2140.0		
4.	Oil & Grease	mg/l.	IS 3	025 (Part-	39)	5.1		
5.	B.O.D (3 days at 27°C)	mg/l.	IS 3	025 (Part-	44)	240.0		
6.	C.O.D	mg/l.	Al	PHA (5220 E	3)	0.088		
7.	Dissolved Phosphate as P	mg/l.	APH	A (4500 - F	P-D)	4.1		
8.	Ammonical Nitrogen as N	mg/l.	IS 3	3025 (Part-	34)	22.4		
9.	Total Kjeldahl Nitrogen as N	mg/l.	APH	A (4500 N	org)	41.4		

Digitally signed by SHIBESHW SHIBESHWAR PRASAD AR PRASAD Date: 2023.02.22 11:26:31 +05'30'

> Verified by: Technical Manager



Shreyasee Prasad

Digitally signed by Shreyasee Prasad Date: 2023.02.22 11:54:27 +05'30'

Authorized Signatory Quality Manager

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.

Contact us:

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

Mob.: +918676886249; +919431047908

Email.

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







(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. <i>STH/TR/22-23/5495</i> Dt:	21.01.2023	Your Work C	order No. 8	917 Dt:	17.01.2021		
[a]	Name and address of the Customer	Chief General Manager M/s Harinagar Sugar Mills P.O.: Harinagar W. CHAMPARAN – 845 103						
[b]	Details of Sample	1-1 (48)	Untreated Effluent Sample					
[c]	Sample Collected by		SHIVA TEST HOUSE on 15.01.23					
[d]	Sampling Location		From Inlet of E					
[e]	Method of Sampling		IS 3025, APH	A				
[f]	Sampling Environmental Condition	477	Temp. (°C)	17	Humidity (%)	70		
[g]	No. & Type of Container		Plastic Bottle					
[h]	Sample Quantity		2 Litres					
[i]	Sample Code		E-5495					
[j]	Sample Condition on Receipt		Fit for Analysis					
[k]	Items required to be tested	41800	As per contract					
[1]	Whether any specific Method of Test been suggested by the party	has	No					
[m]	Date of receiving the sample in Labor	16.01.23						
[n]	Analysis Start Date / Analysis Compl		16.01.23 / 19	01.23				
SI. No.	Parameters	Unit			Гest	Result		
1.	pH	14-2	IS 3	025 (Part-1	11)	6.11		
2.	Suspended Solids	mg/l.		IS 3025(Part-17)		350.0		
3.	Total Dissolved Solids	mg/l.		IS 3025(Part-16)		2240.0		
4.	Oil & Grease	mg/l.	A	IS 3025 (Part-39)		5.6		
5.	B.O.D (3 days at 27°C)	mg/l.	IS 30)25 (Part-4	4)	280.0		
6.	C.O.D	mg/l.	AP	HA (5220 B)	928.0		
7.	Dissolved Phosphate as P	mg/l.	- Comment	(4500-P-		4.8		
3.	Ammonical Nitrogen as N	mg/l.)25 (Part-3	/	24.1		
9.	Total Kjeldahl Nitrogen as N	mg/l.		(4500 N c	2007.0	42.6		

SHIBESHW Digitally signed by SHIBESHWAR PRASAD Date: 2023.01.21 11:26:35 +05'30'

Verified by : Technical Manager



Shreyasee Prasad

Digitally signed by Shreyasee Prasad Date: 2023.01.21 11:31:15 +05'30' Authorized Signatory 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.

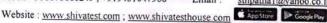
Test Report can not be reproduced partially or full for legal/court purpose without written permission

Contact us:

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

Mob.: +918676886249; +919431047908

- 800 013 (Bihar) sthpatnal@vahoo.co.in; info@sh









(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. STH/TR/22-23/4935 Dts	06.01.2023	Your Wor	k Order No. 8917	Dt: 17.01.2021			
[a]	Name and address of the Customer		Chief General Manager M/s Harinagar Sugar Mills P.O.: Harinagar W. CHAMPARAN – 845 103					
[b]	Details of Sample		Untreated Effluent Sample					
[c]	Sample Collected by	1,0%	SHIVA TEST HOUSE on 25.12.22					
[d]	Sampling Location	<u> </u>	From Inlet					
[e]	Method of Sampling		IS 3025, AF	PHA				
[f]	Sampling Environmental Condition		Temp. (°C)	19 Humio	dity (%) 64			
[g] [h]	No. & Type of Container		Plastic Bot	tle	7 (-)			
[i]	Sample Quantity		2 Litres					
[j]	Sample Code Sample Condition on Receipt		E-4935					
[k]	Items required to be tested	Fit for Analysis						
[1]	Whether any specific Method of Test been suggested by the party	As per contract No						
[m]	Date of receiving the sample in Labo	ratory	26.12.22					
[n]	Analysis Start Date / Analysis Compi	letion Date		20.40.00				
SI. No.	Parameters	Unit	26.12.22 / 29.12.22 Method of Test		Result			
1.	-pH		IS	3025 (Part-11)	7.44			
2.	Suspended Solids	mg/l.		3025 (Part-17)	7.11			
3.	Total Dissolved Solids	mg/l.		IS 3025(Part-16)				
4.	Oil & Grease	mg/l.		IS 3025 (Part-39)				
5.	B.O.D (3 days at 27°C)	mg/l.		3025 (Part-44)	3.1			
6.	C.O.D	mg/l.		APHA (5220 B)	60.0			
7.	Dissolved Phosphate as P	mg/l.		HA (4500-P-D)	208.0			
3.	Ammonical Nitrogen as N	mg/l.		3025 (Part-34)	1.74			
9.	Total Kjeldahl Nitrogen as N	mg/l.	and the second second		15.7			
	, , , , , , , , , , , , , , , , , , , ,	mg/i.	API	IA (4500 N org)	28.0			

SHIBESHW Digitally signed by SHIBESHWAR PRASAD AR PRASAD Date: 2023.01.06
14:21:03 +05'30'

Verified by: Technical Manager Shreyasee Digitally signed by Shreyasee Prasad

Date: 2023.01.06 Prasad 14:24:25 +05'30'

Authorized Signatory Quality Manager

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

Contact us:

122-C, Aastha, Road No. 5A, Patliputra Colony, Patria - 800 013 (Bihar) Mob.: +918676886249; +919431047908

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

Email: sthpatnal@yahoo.co.in; info@

- END OF TEST REPORT





(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

Re	ef. No. <i>STH/TR/22-23/4089</i> Dt: 08	8.12.2022	Your Work	Order No. 89	17 Dt:	17.01.202	
[a]	Name and address of the Customer	Chief General Manager M/s Harinagar Sugar Mills P.O.: Harinagar W. CHAMPARAN – 845 103					
[b]	Details of Sample	101	Untreated Ej	ffluent Sample			
[c]	Sample Collected by		SHIVA TES	ST HOUSE or	n 20.11.22		
[d]	Sampling Location	1678	From Inlet o	f ETP			
[e]	Method of Sampling	1, 19	IS 3025, AP	HA			
[f]	Sampling Environmental Condition		Temp. (°C)	28	Humidity (%)	69	
[g]	No. & Type of Container	Marin .	Plastic Bot	tle			
[h]	Sample Quantity	E 1/1 - 38	2 Litres				
[i]	Sample Code	E-4089					
[j]	Sample Condition on Receipt	Fit for Analysis					
[k] [l]	Items required to be tested Whether any specific Method of Test been suggested by the party	As per contract No					
[m]	Date of receiving the sample in Labo	21.11.22					
[n]	Analysis Start Date / Analysis Comp		21.11.22 / 24.11.22				
SI. No.	Parameters	Unit	100 (-)		est	Result	
1.	pH		IS	3025 (Part-1	1)	7.04	
2.	Suspended Solids	mg/l.	IS	IS 3025(Part-17)		128.0	
3.	Total Dissolved Solids	mg/l.	IS	IS 3025(Part-16)		1484.0	
4.	Oil & Grease	mg/l.	IS	IS 3025 (Part-39)		3.2	
5.	B.O.D (3 days at 27°C)	mg/l.	IS	IS 3025 (Part-44)		70.0	
6.	C.O.D	mg/l.	A	APHA (5220 B)	ñ l	240.0	
7.	Dissolved Phosphate as P	mg/l.	API	HA (4500-P-1	D)	2.20	
8.	Ammonical Nitrogen as N	mg/l.	IS	IS 3025 (Part-34)		16.8	
9.	Total Kjeldahl Nitrogen as N	mg/l.	API	HA (4500 N o	rg)	29.1	

Digitally signed by SHIBESHWAR PRASAD SHIBESHW AR PRASAD Date: 2022.12.17

Verified by: Technical Manager Shreyase e Prasad

Digitally signed by Shreyasee Prasad Date: 2022.12.17 11:15:14 +05'30'

Authorized Signatory 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

Contact us:

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

Mob.: +918676886249; +919431047908

sthpatnal@vahoo.co.in: info@s Email:

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

