



HTH Laboratories Pvt. Ltd.

(Formerly Known as Haryana Test House)



Plot No. 50-C, Sector-25 Part-II, HUDA, PANIPAT-132 103 (HR.)

Contact : (Off) 86077-70160, 0180-4067223, (Env) 86077-70164, (BM) 86077-70166, (Food) 86077-70169
Web Site : www.haryanatesthouse.net, e-mail : haryanatesthouseusers@gmail.com, testing@hthlabs.com

An ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Certified Laboratory



TEST REPORT

Issued To:	
HARP Chemicals Pvt Ltd	
Village - Jahangir, Teh. Dhuri, Distt. Sangrur (Pb)	

Report No.	: HTH/WT/250923001
ULR No.	: TC781125200001875F
Party's Ref No.	: Nil
Booking Date	: 23/09/2025
Period of Testing	: 23/09/2025 To 26/09/2025
Reporting Date	: 26/09/2025

Sample Description	: Borewell Water Sample	Sample Name	: Borewell Water 1
Type of Industry	: Chemical Unit	Sample quantity	: 2 Ltr. + 250 ml in sterilized bottle
Date of sampling	: 23/09/2025	Sample Location	: Borewell - 1
Date of receipt of sample	: 23/09/2025	Purpose of analysis	: Monitoring
Environmental Condition	: Temp. 33°C & Humidity 58%	Sampling Done by	: Mr. Sukhvinder, Lab. Representative
Sampling Reference Protocol	: IS 1622 : 1981		

REFERENCE TO PROTOCOL : IS 10500:2012 (Amend No. 4 Nov. 2021)

TEST RESULTS

S.N. Parameter's	Unit's	Results	Acceptable Limit's	Permissible Limit's	Method of Analysis
.Discipline - Chemical , Group -Water					
Organoleptic and Physical Parameter's					
1 pH		7.59 ✓	6.5-8.5	No Relaxation	IS 3025 (Part 11): 2022
2 Total Dissolved Solids (TDS)	mg/l	243.0 ✓	500 Max.	2000 Max.	IS 3025 (P-16)-2023
General parameters Concerning Substances undesirable in excessive amounts					
1 Calcium (as Ca)	mg/l	28.1 ✓	75 Max.	200 Max.	IS 3025 (P-40)-1991
2 Chloride (as Cl)	mg/l	13.0 ✓	250 Max.	1000 Max.	IS 3025 (P-32)-1988
3 Fluoride (as F)	mg/l	0.36 ✓	1.0 Max.	1.5 Max.	APHA (4500 F)
4 Free Residual Chlorine	mg/l	BLQ(LOQ:0.1)	0.2 Min.*	1 Min.	IS 3025 (P-26)-2021
5 Chlorine, demand	mg/l	BLQ(LOQ:0.1)	-	-	IS 3025 : Part 25 : 1986
6 Magnesium (as Mg)	mg/l	20.45 ✓	30 Max.	100.Max.	IS 3025 (P-46)-2023
7 Nitrate (as NO ₃)	mg/l	6.40 ✓	45 Max.	No Relaxation	IS 3025 (P-34)-1988
8 Sulphate (as SO ₄)	mg/l	24.4 ✓	200 Max.	400 Max.	IS 3025 (Part 24): Sec-1 2022
9 Total Alkalinity (as CaCO ₃)	mg/l	236.0 ✓	200 Max.	600 Max.	IS 3025 (P-23)-2023
10 Total Hardness (as CaCO ₃)	mg/l	154.0 ✓	200 Max.	600 Max.	IS 3025 (P-21)-2009
11 Reactive Silica as SiO ₂	mg/l	22.0 ✓	-	-	IS 3025 (P-35)-1988
12 Colloidal Silica as SiO ₂	mg/l	1.2 ✓	-	-	IS 3025 (P-35)-1988
Discipline - Biological , Group - Water					
1 Coliform	Per 100 ml	Absent	Shall Not be Detectable	No Relaxation	IS:15185:2016
2 E.coli	Per 100 ml	Absent	Shall Not be Detectable	No Relaxation	IS:15185:2016

End of Report

Remarks : Analysed parameters of water sample confirms to IS 10500:2012 Amendment No. 4, Nov.2021 specification with respect to above test parameters.

BLQ : Below limit of Quantification / LOQ : Limit of Quantification



Pardeep Kadyan
Review by



Nao Jyoti Gupta
H.O.D. (Biological)



Md. Asfak Aslam
Sr. Manager (Env.)

Page No.: 1 of 1

Note : 1. Test report shall not be reproduced in whole or in part and cannot be used as an evidence in the court of Law.
 2. The results contained in this test report pertains only to the sample tested not for the whole lot.
 3. This report is only for your guidance, and not for legal purposes, commercial decision, and for advertisement.
 4. Total liability of Haryana Test House is limited to the invoiced amount only.
 5. Samples will be destroyed after one month from the date of issue of test report unless otherwise specified.
 6. Sample not drawn by HTH unless otherwise specified.
 7. The details received from customer on its own responsibility. Lab does not confirm about it and hence does not take any responsibility whatsoever.



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TEST REPORT

Issued To:	
HARP Chemicals Pvt Ltd	
Village - Jahangir, Teh. Dhuri, Distt. Sangrur (Pb)	

Report No.	: HTH/WT/250923002
ULR No.	: TC781125200001876F
Party's Ref No.	: Nil
Booking Date	: 23/09/2025
Period of Testing	: 23/09/2025 To 26/09/2025
Reporting Date	: 26/09/2025

Sample Description	: Borewell Water Sample
Type of Industry	: Chemical Unit
Date of sampling	: 23/09/2025
Date of receipt of sample	: 23/09/2025
Environmental Condition	: Temp. 33°C & Humidity 58%
Sampling Reference Protocol	: IS 1622 : 1981

REFERENCE TO PROTOCOL : IS 10500:2012(Amend No. 4 Nov. 2021)

TEST RESULTS

S.N.	Parameter's	Unit's	Results	Acceptable Limit's	Permissible Limit's	Method of Analysis
.Discipline - Chemical , Group -Water						
Organoleptic and Physical Parameter's						
1	pH	-	7.2	6.5-8.5	No Relaxation	IS 3025 (Part 11): 2022
2	Total Dissolved Solids (TDS)	mg/l	442.0	500 Max.	2000 Max.	IS 3025 (P-16)-2023
General parameters Concerning Substances undesirable in excessive amounts						
1	Calcium (as Ca)	mg/l	60.9	75 Max.	200 Max.	IS 3025 (P-40)-1991
2	Chloride (as Cl)	mg/l	13.0	250 Max.	1000 Max.	IS 3025 (P-32)-1988
3	Fluoride (as F)	mg/l	0.35	1.0 Max.	1.5 Max.	APHA (4500 F)
4	Free Residual Chlorine	mg/l	BLQ(LOQ:0.1)	0.2 Min.*	1 Min.	IS 3025 (P-26)-2021
5	Chlorine, demand	mg/l	BLQ(LOQ:0.1)	-	-	IS 3025 : Part 25 : 1986
6	Magnesium (as Mg)	mg/l	40.42	30 Max.	100. Max.	IS 3025 (P-46)-2023
7	Nitrate (as NO ₃)	mg/l	8.70	45 Max.	No Relaxation	IS 3025 (P-34)-1988
8	Sulphate (as SO ₄)	mg/l	47.8	200 Max.	400 Max.	IS 3025 (Part 24): Sec-1 2022
9	Total Alkalinity (as CaCO ₃)	mg/l	440.0	200 Max.	600 Max.	IS 3025 (P-23)-2023
10	Total Hardness (as CaCO ₃)	mg/l	318.0	200 Max.	600 Max.	IS 3025 (P-21)-2009
11	Reactive Silica as SiO ₂	mg/l	27.8	-	-	IS 3025 (P-35)-1988
12	Colloidal Silica as SiO ₂	mg/l	1.4	-	-	IS 3025 (P-35)-1988
Discipline - Biological , Group - Water						
1	Coliform	Per 100 ml	Absent	Shall Not be Detectable	No Relaxation	IS:15185:2016
2	E.coli	Per 100 ml	Absent	Shall Not be Detectable	No Relaxation	IS:15185:2016

End of Report

Remarks : Analysed parameters of water sample confirms to IS 10500:2012 Amendment No. 4, Nov.2021 specification with respect to permissible limits for the above test parameters.

BLQ : Below limit of Quantification / LOQ : Limit of Quantification


Pardeep Kadyan
Review by


Nao Jyoti Gupta
H.O.D. (Biological)


Md. Astak Ansari
Sr. Manager (Env.) AT

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