HTH Laboratories Pvt. Ltd.

(Formerly Known as Haryana Test House & Consultancy Services)
Plot No. 50-C, Sector-25 Part-II, HUDA, PANIPAT-132103 (HR.)
Contact : (Off.) 89500-50789, 86077-70160 (Env.) 86077-70164, (BM) 86077-70166, (Food) 86077-70169
Web Site : www.hthlabs.com, e-mail : haryanatesthousecs@gmail.com, testing@hthlabs.com

DOC No. HTH/QF/7.8

TC-7811

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/260903002**
ULR No.	: **TC781126200002090F**
Party's Ref No.	: Nil
Booking Date	: 03/09/2026
Period of Testing	: 03/09/2026To 10/09/2026
Reporting Date	: 10/09/2026

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	: 02/09/2026		
Date of receipt of sample	: 03/09/2026	Sample Location	: Borewell - 1
Environmental Condition	: Temp. 33°C & Humidity 53%	Purpose of analysis	: Monitoring
Sampling Reference Protocol	: IS 1622 : 1981	Sampling Done by	: Mr. Sukhvinder, Lab. Representative

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

TEST RESULTS

S.N.	Parameter's	Unit's	Results	Acceptable Limit	Pemissible Limit	Method of analysis
.Discipline - Chemical , Group -Water						
Organoleptic and Physical Parameter's						
1	pH	-	7.74	6.5-8.5	No Relaxation	IS 3025 (Part 11): 2022
2	Total Dissolved Solids (TDS)	mg/l	316.0	500 Max.	2000 Max.	IS 3025 (P-16)-2023
General parameters Concerning Substances undesirable						
1	Calcium (as Ca)	mg/l	31.3	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	0.40	1.0 Max.	1.5 Max.	IS 3025 (P-60)-2008
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	18.02	30 Max.	100.Max.	IS 3025 (P-46)-2023
7	Nitrate (as NO3)	mg/l	5.60	45 Max.	No Relaxation	IS 3025 (P-34)-1988
8	Sulphate (as SO4)	mg/l	45.6	200 Max.	400 Max.	IS 3025 (Part 24): Sec-1 2022
9	Total Alkalinity (as CaCO3)	mg/l	288.0	200 Max.	600 Max.	IS 3025 (P-23)-2023
10	Total Hardness (as CaCO3)	mg/l	152.0	200 Max.	600 Max.	IS 3025 (P-21)-2009
11	Reactive Silica as Sio2	mg/l	15.1	-	-	IS 3025 (P-35)-1988
12	Colloidal Silica as Sio2	mg/l	0.5	-	-	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

10/09/2026
Reviewed by

19/09/2026
Manendra Kumar
HOD (Biological)

HTH LABORATORIES PVT. LTD. Authorised Signatory
19/09/2026
Md. Asfak Ansari
Sr. Manager (Env.)

Note 1. Test Report shall not be reproduce in whole or in part and cannot be used as an evidence in the court of Law

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TEST REPORT

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

Report No.	: HTH/WT/260903003
ULR No.	: TC781126200002091F
Party's Ref No.	: Nil
Booking Date	: 03/09/2026
Period of Testing	: 03/09/2026To 10/09/2026
Reporting Date	: 10/09/2026

Sample Description	: Borewell Water Sample
Type of Industry	: Chemical Unit
Date of sampling	: 02/09/2026
Date of receipt of sample	: 03/09/2026
Environmental Condition	: Temp. 33°C & Humidity 53%
Sampling Reference Protocol	: IS 1622 : 1981

Sample Name	: **Borewell Water 2**
Sample quantity	: 2 Ltr. + 250 ml in sterilized bottle
Sample Location	: Borewell - 2
Purpose of analysis	: Monitoring
Sampling Done by	: Mr. Sukhvinder, Lab. Representative

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

TEST RESULTS

S.N.	Parameter's	Unit's	Results	Acceptable Limit	Pemissible Limit	Method of analysis
.Discipline - Chemical , Group -Water						
Organoleptic and Physical Parameter's						
1	pH	-	7.35	6.5-8.5	No Relaxation	IS 3025 (Part 11): 2022
2	Total Dissolved Solids (TDS)	mg/l	542.0	500 Max.	2000 Max.	IS 3025 (P-16)-2023
General parameters Concerning Substances undesirable						
1	Calcium (as Ca)	mg/l	74.5	75 Max.	200 Max.	IS 3025 (P-40)-1991
2	Chloride (as Cl)	mg/l	16.0	250 Max.	1000 Max.	IS 3025 (P-32)-1988
3	Fluoride (as F)	mg/l	0.50	1.0 Max.	1.5 Max.	IS 3025 (P-60)-2008
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	33.85	30 Max.	100.Max.	IS 3025 (P-46)-2023
7	Nitrate (as NO3)	mg/l	11.50	45 Max.	No Relaxation	IS 3025 (P-34)-1988
8	Sulphate (as SO4)	mg/l	58.9	200 Max.	400 Max.	IS 3025 (Part 24): Sec-1 2022
9	Total Alkalinity (as CaCO3)	mg/l	456.0	200 Max.	600 Max.	IS 3025 (P-23)-2023
10	Total Hardness (as CaCO3)	mg/l	325.0	200 Max.	600 Max.	IS 3025 (P-21)-2009
11	Reactive Silica as Sio2	mg/l	24.3	-	-	IS 3025 (P-35)-1988
12	Colloidal Silica as Sio2	mg/l	1.3	-	-	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.

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