

# 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 : haryanatesthouses@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  
**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

**Sample Name** : Borewell Water 1  
**Sample quantity** : 2 Ltr. + 250 ml in sterilized bottle  
**Sample Location** : Borewell - 1  
**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's	Permissible Limit's	Method of Analysis
<b>Discipline - Chemical , Group - Water</b>						
<b>Organoleptic and Physical Parameter's</b>						
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
<b>General parameters Concerning Substances undesirable in excessive amounts</b>						
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 NO3)	mg/l	6.40	45 Max.	No Relaxation	IS 3025 (P-34)-1988
8	Sulphate (as SO4)	mg/l	24.4	200 Max.	400 Max.	IS 3025 (Part 24): Sec-1 2022
9	Total Alkalinity (as CaCO3)	mg/l	236.0	200 Max.	600 Max.	IS 3025 (P-23)-2023
10	Total Hardness (as CaCO3)	mg/l	154.0	200 Max.	600 Max.	IS 3025 (P-21)-2009
11	Reactive Silica as SiO2	mg/l	22.0	-	-	IS 3025 (P-35)-1988
12	Colloidal Silica as SiO2	mg/l	1.2	-	-	IS 3025 (P-35)-1988
<b>Discipline - Biological , Group - Water</b>						
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

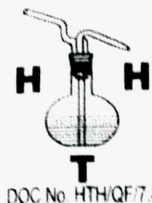
Pardeep Kadyan  
Review by

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

Md. Asfak Ansari  
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 pertain 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 taken 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

**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's	Permissible Limit's	Method of Analysis
<b>Discipline - Chemical , Group -Water</b>						
<b>Organoleptic and Physical Parameter's</b>						
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
<b>General parameters Concerning Substances undesirable in excessive amounts</b>						
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 NO3)	mg/l	8.70	45 Max.	No Relaxation	IS 3025 (P-34)-1988
8	Sulphate (as SO4)	mg/l	47.8	200 Max.	400 Max.	IS 3025 (Part 24): Sec-1 2022
9	Total Alkalinity (as CaCO3)	mg/l	440.0	200 Max.	600 Max.	IS 3025 (P-23)-2023
10	Total Hardness (as CaCO3)	mg/l	318.0	200 Max.	600 Max.	IS 3025 (P-21)-2009
11	Reactive Silica as SiO2	mg/l	27.8	-	-	IS 3025 (P-35)-1988
12	Colloidal Silica as SiO2	mg/l	1.4	-	-	IS 3025 (P-35)-1988
<b>Discipline - Biological , Group - Water</b>						
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  
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