

**REGIONAL WATER TESTING LAB, SANGRUR**

Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur  
rwtlsangrur@gmail.com

To,

Municipal Concl Malerkotla  
Malerkotla

No.: RWTL/SNG/2122/2223/00178      Dated : 16/08/2022

Subject :            Testing Reports of Water Samples.

Reference:          Your Letter/SRF No. 1262    Dated: 28/07/2022

As per above cited subject and reference, Please find enclosed here with the report of 10 Water sample/s received on dated 01/08/2022. It is request to fill the attached feedback form and send it back to Regional Water Testing Lab, Sangrur

D/A :                Test Report



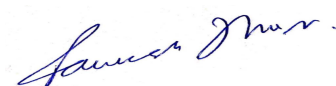
**Authorized Signatory**  
**For, Regional Water Testing Lab, Sangrur**

**REGIONAL WATER TESTING LAB, SANGRUR**  
Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur  
rwtsangrur@gmail.com

TEST REPORT						
Name & Address of Customer : <b>Municipal Concil Malerkotla Malerkotla</b>			Customer Reference No.		No : 1262 Dated : 28/07/2022	
			Sample Submitted by		Kulwinder Singh	
			Date of Sample Receipt		01/08/2022	
			Analysis Starting Date		01/08/2022	
			Analysis completion Date		02/08/2022	
Discipline : <b>Chemical Testing,Bacteriological Testing</b>			Group: <b>Water</b>			
Test Report No.:		RWTL/SNG/2122/2223/00178		Date of Issue :		16/08/2022
Registration no.:		RWTL/SNG/2122/REG2223/00790		Condition of Sample :		Unsealed
Source :		NA		Quantity/Type of Bottle:		1000 ml / Amber Colored Glass Bottle
Scheme :		NA		Location/Depth :		Ludhiana Bypass TW. No. 3 / NA
Village :		NA		Habitation :		NA
Block:		Malerkotla-I		District :		Sangrur
Latitude :		NA		Longitude:		NA
Sample Type: <b>Water</b>						
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	Iron	0.05	1.0	No Relaxation	mg/l	Spectrophotometric Method
2	Sulphate	32	200	400	mg/l	Spectrophotometric Method
3	Fluoride	0.35	1.0	1.5	mg/l	APHA 4500 F-(23rd Ed. 2017)/IS-3025 (Part-60)
4	Nitrate	11.86	45	No Relaxation	mg/l	Spectrophotometric Method/ APHA 4500 NO3-(23rd Ed. 2017)
5	Arsenic	ND	0.01	No relaxation	mg/l	Spectrophotometric Method/ Colorimetric Method
6	Total Coliform	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method
7	E-Coli	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method

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2. The sample will be destroyed after retention time unless otherwise specified specially.
3. This report is not to be reproduce wholly or in part and can't be used as evidence in court of law.
4. Abbreviation used (TDS = Total Dissolved Solids, mg/l = milligram per liter, BDL = Below detection limit, APHA = American Public Health Association, IS = Indian Standard, NT = Not Tested, NA = Not Applicable NTU = Nephelometric Turbidity Unit, RA = Reaffirmed)
5. \* Value not available or test not performed for this parameter.



**Dr. Ramesh Jhorar**  
Quality Manager  
Authorized Signatory  
For, Regional Water Testing Lab,  
Sangrur

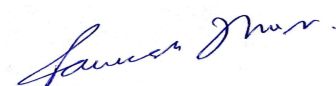
----- End of the Test Report -----

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TEST REPORT						
Name & Address of Customer : <b>Municipal Concil Malerkotla Malerkotla</b>			Customer Reference No.		No : 1262 Dated : 28/07/2022	
			Sample Submitted by		Kulwinder Singh	
			Date of Sample Receipt		01/08/2022	
			Analysis Starting Date		01/08/2022	
			Analysis completion Date		02/08/2022	
Discipline : <b>Chemical Testing,Bacteriological Testing</b>			Group: <b>Water</b>			
Test Report No.:		RWTL/SNG/2122/2223/00178		Date of Issue :		16/08/2022
Registration no.:		RWTL/SNG/2122/REG2223/00791		Condition of Sample :		Unsealed
Source :		NA		Quantity/Type of Bottle:		1000 ml / Amber Colored Glass Bottle
Scheme :		NA		Location/Depth :		Pacca Darwaja TW No. 7 / NA
Village :		NA		Habitation :		NA
Block:		Malerkotla-I		District :		Sangrur
Latitude :		NA		Longitude:		NA
Sample Type: <b>Water</b>						
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	Iron	0.06	1.0	No Relaxation	mg/l	Spectrophotometric Method
2	Sulphate	45	200	400	mg/l	Spectrophotometric Method
3	Fluoride	0.35	1.0	1.5	mg/l	APHA 4500 F-(23rd Ed. 2017)/IS-3025 (Part-60)
4	Nitrate	19.30	45	No Relaxation	mg/l	Spectrophotometric Method/ APHA 4500 NO3-(23rd Ed. 2017)
5	Arsenic	ND	0.01	No relaxation	mg/l	Spectrophotometric Method/ Colorimetric Method
6	Total Coliform	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method
7	E-Coli	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method

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5. \* Value not available or test not performed for this parameter.



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			Analysis Starting Date		01/08/2022	
			Analysis completion Date		02/08/2022	
Discipline : <b>Chemical Testing,Bacteriological Testing</b>			Group: <b>Water</b>			
Test Report No.:		RWTL/SNG/2122/2223/00178		Date of Issue :		16/08/2022
Registration no.:		RWTL/SNG/2122/REG2223/00792		Condition of Sample :		Unsealed
Source :		NA		Quantity/Type of Bottle:		1000 ml / Amber Colored Glass Bottle
Scheme :		NA		Location/Depth :		Qila Rehmatgarh TW No. 14 / NA
Village :		NA		Habitation :		NA
Block:		Malerkotla-I		District :		Sangrur
Latitude :		NA		Longitude:		NA
Sample Type: <b>Water</b>						
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	Iron	0.05	1.0	No Relaxation	mg/l	Spectrophotometric Method
2	Sulphate	37	200	400	mg/l	Spectrophotometric Method
3	Fluoride	0.31	1.0	1.5	mg/l	APHA 4500 F-(23rd Ed. 2017)/IS-3025 (Part-60)
4	Nitrate	14.64	45	No Relaxation	mg/l	Spectrophotometric Method/ APHA 4500 NO3-(23rd Ed. 2017)
5	Arsenic	ND	0.01	No relaxation	mg/l	Spectrophotometric Method/ Colorimetric Method
6	Total Coliform	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method
7	E-Coli	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method

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			Analysis Starting Date		01/08/2022	
			Analysis completion Date		02/08/2022	
Discipline : <b>Chemical Testing,Bacteriological Testing</b>			Group: <b>Water</b>			
Test Report No.:		RWTL/SNG/2122/2223/00178		Date of Issue :		16/08/2022
Registration no.:		RWTL/SNG/2122/REG2223/00793		Condition of Sample :		Unsealed
Source :		NA		Quantity/Type of Bottle:		500 ml / Amber Colored Glass Bottle
Scheme :		NA		Location/Depth :		Som Sons Colony TW No. 21 / NA
Village :		NA		Habitation :		NA
Block:		Malerkotla-I		District :		Sangrur
Latitude :		NA		Longitude:		NA
Sample Type: <b>Water</b>						
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	Iron	0.05	1.0	No Relaxation	mg/l	Spectrophotometric Method
2	Sulphate	36	200	400	mg/l	Spectrophotometric Method
3	Fluoride	0.08	1.0	1.5	mg/l	APHA 4500 F-(23rd Ed. 2017)/IS-3025 (Part-60)
4	Nitrate	8.37	45	No Relaxation	mg/l	Spectrophotometric Method/ APHA 4500 NO3-(23rd Ed. 2017)
5	Arsenic	ND	0.01	No relaxation	mg/l	Spectrophotometric Method/ Colorimetric Method
6	Total Coliform	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method
7	E-Coli	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method

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			Date of Sample Receipt		01/08/2022	
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Discipline : <b>Chemical Testing,Bacteriological Testing</b>			Group: <b>Water</b>			
Test Report No.:		RWTL/SNG/2122/2223/00178		Date of Issue :		16/08/2022
Registration no.:		RWTL/SNG/2122/REG2223/00794		Condition of Sample :		Unsealed
Source :		NA		Quantity/Type of Bottle:		500 ml / Amber Colored Glass Bottle
Scheme :		NA		Location/Depth :		Club Chowkn TW No. 1 / NA
Village :		NA		Habitation :		NA
Block:		Malerkotla-I		District :		Sangrur
Latitude :		NA		Longitude:		NA
Sample Type: <b>Water</b>						
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	Iron	0.05	1.0	No Relaxation	mg/l	Spectrophotometric Method
2	Sulphate	35	200	400	mg/l	Spectrophotometric Method
3	Fluoride	0.29	1.0	1.5	mg/l	APHA 4500 F-(23rd Ed. 2017)/IS-3025 (Part-60)
4	Nitrate	11.45	45	No Relaxation	mg/l	Spectrophotometric Method/ APHA 4500 NO3-(23rd Ed. 2017)
5	Arsenic	ND	0.01	No relaxation	mg/l	Spectrophotometric Method/ Colorimetric Method
6	Total Coliform	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method
7	E-Coli	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method

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			Date of Sample Receipt		01/08/2022	
			Analysis Starting Date		01/08/2022	
			Analysis completion Date		02/08/2022	
Discipline : <b>Chemical Testing,Bacteriological Testing</b>			Group: <b>Water</b>			
Test Report No.:		RWTL/SNG/2122/2223/00178		Date of Issue :		16/08/2022
Registration no.:		RWTL/SNG/2122/REG2223/00795		Condition of Sample :		Unsealed
Source :		NA		Quantity/Type of Bottle:		500 ml / Amber Colored Glass Bottle
Scheme :		NA		Location/Depth :		Ravidas Nagar TW no. 10 / NA
Village :		NA		Habitation :		NA
Block:		Malerkotla-I		District :		Sangrur
Latitude :		NA		Longitude:		NA
Sample Type: <b>Water</b>						
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	Iron	0.05	1.0	No Relaxation	mg/l	Spectrophotometric Method
2	Sulphate	41	200	400	mg/l	Spectrophotometric Method
3	Fluoride	0.19	1.0	1.5	mg/l	APHA 4500 F-(23rd Ed. 2017)/IS-3025 (Part-60)
4	Nitrate	16.36	45	No Relaxation	mg/l	Spectrophotometric Method/ APHA 4500 NO3-(23rd Ed. 2017)
5	Arsenic	ND	0.01	No relaxation	mg/l	Spectrophotometric Method/ Colorimetric Method
6	Total Coliform	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method
7	E-Coli	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method

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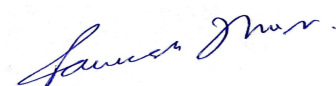
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Discipline : <b>Chemical Testing,Bacteriological Testing</b>			Group: <b>Water</b>			
Test Report No.:		RWTL/SNG/2122/2223/00178		Date of Issue :		16/08/2022
Registration no.:		RWTL/SNG/2122/REG2223/00796		Condition of Sample :		Unsealed
Source :		NA		Quantity/Type of Bottle:		500 ml / Amber Colored Glass Bottle
Scheme :		NA		Location/Depth :		EO Residence TW no. 2 / NA
Village :		NA		Habitation :		NA
Block:		Malerkotla-I		District :		Sangrur
Latitude :		NA		Longitude:		NA
Sample Type: <b>Water</b>						
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	Iron	0.06	1.0	No Relaxation	mg/l	Spectrophotometric Method
2	Sulphate	35	200	400	mg/l	Spectrophotometric Method
3	Fluoride	0.27	1.0	1.5	mg/l	APHA 4500 F-(23rd Ed. 2017)/IS-3025 (Part-60)
4	Nitrate	15.33	45	No Relaxation	mg/l	Spectrophotometric Method/ APHA 4500 NO3-(23rd Ed. 2017)
5	Arsenic	ND	0.01	No relaxation	mg/l	Spectrophotometric Method/ Colorimetric Method
6	Total Coliform	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method
7	E-Coli	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method

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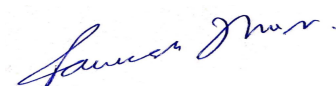


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Test Report No.:		RWTL/SNG/2122/2223/00178		Date of Issue :		16/08/2022
Registration no.:		RWTL/SNG/2122/REG2223/00797		Condition of Sample :		Unsealed
Source :		NA		Quantity/Type of Bottle:		1000 ml / Amber Colored Glass Bottle
Scheme :		NA		Location/Depth :		Bus Stand TW No. 8 / NA
Village :		NA		Habitation :		NA
Block:		Malerkotla-I		District :		Sangrur
Latitude :		NA		Longitude:		NA
Sample Type: <b>Water</b>						
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	Iron	0.06	1.0	No Relaxation	mg/l	Spectrophotometric Method
2	Sulphate	47	200	400	mg/l	Spectrophotometric Method
3	Fluoride	BDL	1.0	1.5	mg/l	APHA 4500 F-(23rd Ed. 2017)/IS-3025 (Part-60)
4	Nitrate	15.68	45	No Relaxation	mg/l	Spectrophotometric Method/ APHA 4500 NO3-(23rd Ed. 2017)
5	Arsenic	ND	0.01	No relaxation	mg/l	Spectrophotometric Method/ Colorimetric Method
6	Total Coliform	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method
7	E-Coli	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method

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Source :		NA		Quantity/Type of Bottle:		1000 ml / Amber Colored Glass Bottle
Scheme :		NA		Location/Depth :		Purani Kachehri TW No. 17 / NA
Village :		NA		Habitation :		NA
Block:		Malerkotla-I		District :		Sangrur
Latitude :		NA		Longitude:		NA
Sample Type: <b>Water</b>						
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	Iron	0.05	1.0	No Relaxation	mg/l	Spectrophotometric Method
2	Sulphate	51	200	400	mg/l	Spectrophotometric Method
3	Fluoride	0.11	1.0	1.5	mg/l	APHA 4500 F-(23rd Ed. 2017)/IS-3025 (Part-60)
4	Nitrate	18.72	45	No Relaxation	mg/l	Spectrophotometric Method/ APHA 4500 NO3-(23rd Ed. 2017)
5	Arsenic	ND	0.01	No relaxation	mg/l	Spectrophotometric Method/ Colorimetric Method
6	Total Coliform	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method
7	E-Coli	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method

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5. \* Value not available or test not performed for this parameter.



**Dr. Ramesh Jhorar**  
Quality Manager  
Authorized Signatory  
For, Regional Water Testing Lab,  
Sangrur

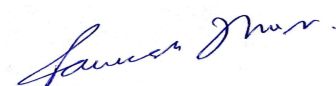
----- End of the Test Report -----

**REGIONAL WATER TESTING LAB, SANGRUR**  
Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur  
rwtsangrur@gmail.com

TEST REPORT						
Name & Address of Customer : <b>Municipal Concil Malerkotla Malerkotla</b>			Customer Reference No.		No : 1262 Dated : 28/07/2022	
			Sample Submitted by		Kulwinder Singh	
			Date of Sample Receipt		01/08/2022	
			Analysis Starting Date		01/08/2022	
			Analysis completion Date		02/08/2022	
Discipline : <b>Chemical Testing,Bacteriological Testing</b>			Group: <b>Water</b>			
Test Report No.:		RWTL/SNG/2122/2223/00178		Date of Issue :		16/08/2022
Registration no.:		RWTL/SNG/2122/REG2223/00799		Condition of Sample :		Unsealed
Source :		NA		Quantity/Type of Bottle:		500 ml / Amber Colored Glass Bottle
Scheme :		NA		Location/Depth :		Muhalla Sadewala TW no. 23 / NA
Village :		NA		Habitation :		NA
Block:		Malerkotla-I		District :		Sangrur
Latitude :		NA		Longitude:		NA
Sample Type: <b>Water</b>						
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	Iron	0.07	1.0	No Relaxation	mg/l	Spectrophotometric Method
2	Sulphate	49	200	400	mg/l	Spectrophotometric Method
3	Fluoride	0.28	1.0	1.5	mg/l	APHA 4500 F-(23rd Ed. 2017)/IS-3025 (Part-60)
4	Nitrate	8.66	45	No Relaxation	mg/l	Spectrophotometric Method/ APHA 4500 NO3-(23rd Ed. 2017)
5	Arsenic	ND	0.01	No relaxation	mg/l	Spectrophotometric Method/ Colorimetric Method
6	Total Coliform	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method
7	E-Coli	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method

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5. \* Value not available or test not performed for this parameter.



**Dr. Ramesh Jhorar**  
Quality Manager  
Authorized Signatory  
For, Regional Water Testing Lab,  
Sangrur

----- End of the Test Report -----

**REGIONAL WATER TESTING LAB, SANGRUR**

Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur  
rwtlsangrur@gmail.com

To,

Municipal Concil Malerkotla  
Malerkotla

No.: RWTL/SNG/2122/2223/00178      Dated : 16/08/2022

Subject :            Testing Reports of Water Samples.

Reference:          Your Letter/SRF No. 1262    Dated: 28/07/2022

As per above cited subject and reference, Please find enclosed here with the report of 10 Water sample/s received on dated 01/08/2022. It is request to fill the attached feedback form and send it back to Regional Water Testing Lab, Sangrur

D/A :                Test Report



**Authorized Signatory**  
**For, Regional Water Testing Lab, Sangrur**

### TEST REPORT

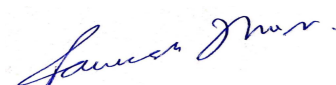
Name & Address of Customer : <b>Municipal Concil Malerkotla Malerkotla</b>	Customer Reference No.	<b>No : 1262 Dated : 28/07/2022</b>	
	Sample Submitted by	<b>Kulwinder Singh</b>	
	Date of Sample Receipt	<b>01/08/2022</b>	
	Analysis Starting Date	<b>01/08/2022</b>	
	Analysis completion Date	<b>02/08/2022</b>	
Discipline : <b>Chemical Testing</b>		Group: <b>Water</b>	
Test Report No.:	<b>RWTL/SNG/2122/2223/00178</b>	Date of Issue :	<b>16/08/2022</b>
Registration no.:	<b>RWTL/SNG/2122/REG2223/00790</b>	Condition of Sample :	<b>Unsealed</b>
Source :	<b>NA</b>	Quantity/Type of Bottle:	<b>1000 ml / Amber Colored Glass Bottle</b>
Scheme :	<b>NA</b>	Location/Depth :	<b>Ludhiana Bypass TW. No. 3 / NA</b>
Village :	<b>NA</b>	Habitation :	<b>NA</b>
Block:	<b>Malerkotla-I</b>	District :	<b>Sangrur</b>
Latitude :	<b>NA</b>	Longitude:	<b>NA</b>

Sample Type: **Water**

Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.72	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-1993 ) Electrometric Method
2	Colour	<5	5	15	Hazen	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Disagreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	TDS	395	500	2000	mg/l	IS 3025 (Part 16-1984) Gravimetric Method
5	Turbidity	BDL	1	5	NTU	IS 3025 (Part 10-1984) Nephelometric Method
6	Alkalinity	<b>216</b>	200	600	mg/l	IS 3025 (Part 23-1986) Indicator Method
7	Hardness	100	200	600	mg/l	IS 3025 (Part 21- 2019) EDTA Method
8	Calcium	8	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
9	Magnesium	19	30	100	mg/l	APHA (23rd Ed.2017) Method: 3500-Mg+2 B By Calculation Method
10	Chloride	25	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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5. \* Value not available or test not performed for this parameter.



**Dr. Ramesh Jhorar**  
Quality Manager  
Authorized Signatory  
For, Regional Water Testing Lab,  
Sangrur

----- End of the Test Report -----

### TEST REPORT

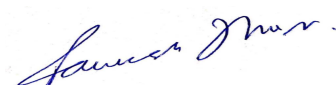
Name & Address of Customer : <b>Municipal Concil Malerkotla Malerkotla</b>	Customer Reference No.	<b>No : 1262 Dated : 28/07/2022</b>	
	Sample Submitted by	<b>Kulwinder Singh</b>	
	Date of Sample Receipt	<b>01/08/2022</b>	
	Analysis Starting Date	<b>01/08/2022</b>	
	Analysis completion Date	<b>02/08/2022</b>	
Discipline : <b>Chemical Testing</b>		Group: <b>Water</b>	
Test Report No.:	<b>RWTL/SNG/2122/2223/00178</b>	Date of Issue :	<b>16/08/2022</b>
Registration no.:	<b>RWTL/SNG/2122/REG2223/00791</b>	Condition of Sample :	<b>Unsealed</b>
Source :	<b>NA</b>	Quantity/Type of Bottle:	<b>1000 ml / Amber Colored Glass Bottle</b>
Scheme :	<b>NA</b>	Location/Depth :	<b>Pacca Darwaja TW No. 7 / NA</b>
Village :	<b>NA</b>	Habitation :	<b>NA</b>
Block:	<b>Malerkotla-I</b>	District :	<b>Sangrur</b>
Latitude :	<b>NA</b>	Longitude:	<b>NA</b>

Sample Type: **Water**

Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.82	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-1993 ) Electrometric Method
2	Colour	<5	5	15	Hazen	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Disagreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	TDS	<b>641</b>	500	2000	mg/l	IS 3025 (Part 16-1984) Gravimetric Method
5	Turbidity	BDL	1	5	NTU	IS 3025 (Part 10-1984) Nephelometric Method
6	Alkalinity	<b>310</b>	200	600	mg/l	IS 3025 (Part 23-1986) Indicator Method
7	Hardness	180	200	600	mg/l	IS 3025 (Part 21- 2019) EDTA Method
8	Calcium	16	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
9	Magnesium	<b>34</b>	30	100	mg/l	APHA (23rd Ed.2017) Method: 3500-Mg+2 B By Calculation Method
10	Chloride	75	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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5. \* Value not available or test not performed for this parameter.



**Dr. Ramesh Jhorar**  
Quality Manager  
Authorized Signatory  
For, Regional Water Testing Lab,  
Sangrur

----- End of the Test Report -----

### TEST REPORT

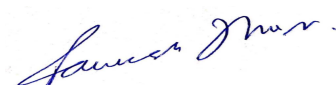
Name & Address of Customer : <b>Municipal Concil Malerkotla Malerkotla</b>	Customer Reference No.	<b>No : 1262 Dated : 28/07/2022</b>
	Sample Submitted by	<b>Kulwinder Singh</b>
	Date of Sample Receipt	<b>01/08/2022</b>
	Analysis Starting Date	<b>01/08/2022</b>
	Analysis completion Date	<b>02/08/2022</b>
Discipline : <b>Chemical Testing</b>		Group: <b>Water</b>
Test Report No.:	<b>RWTL/SNG/2122/2223/00178</b>	Date of Issue : <b>16/08/2022</b>
Registration no.:	<b>RWTL/SNG/2122/REG2223/00792</b>	Condition of Sample : <b>Unsealed</b>
Source :	<b>NA</b>	Quantity/Type of Bottle: <b>1000 ml / Amber Colored Glass Bottle</b>
Scheme :	<b>NA</b>	Location/Depth : <b>Qila Rehmatgarh TW No. 14 / NA</b>
Village :	<b>NA</b>	Habitation : <b>NA</b>
Block:	<b>Malerkotla-I</b>	District : <b>Sangrur</b>
Latitude :	<b>NA</b>	Longitude: <b>NA</b>

Sample Type: **Water**

Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.97	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-1993 ) Electrometric Method
2	Colour	<5	5	15	Hazen	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Disagreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	TDS	439	500	2000	mg/l	IS 3025 (Part 16-1984) Gravimetric Method
5	Turbidity	BDL	1	5	NTU	IS 3025 (Part 10-1984) Nephelometric Method
6	Alkalinity	<b>220</b>	200	600	mg/l	IS 3025 (Part 23-1986) Indicator Method
7	Hardness	160	200	600	mg/l	IS 3025 (Part 21- 2019) EDTA Method
8	Calcium	24	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
9	Magnesium	24	30	100	mg/l	APHA (23rd Ed.2017) Method: 3500-Mg+2 B By Calculation Method
10	Chloride	35	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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5. \* Value not available or test not performed for this parameter.



**Dr. Ramesh Jhorar**  
Quality Manager  
Authorized Signatory  
For, Regional Water Testing Lab,  
Sangrur

----- End of the Test Report -----

### TEST REPORT

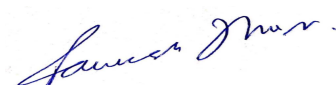
Name & Address of Customer : <b>Municipal Concil Malerkotla Malerkotla</b>	Customer Reference No.	<b>No : 1262 Dated : 28/07/2022</b>	
	Sample Submitted by	<b>Kulwinder Singh</b>	
	Date of Sample Receipt	<b>01/08/2022</b>	
	Analysis Starting Date	<b>01/08/2022</b>	
	Analysis completion Date	<b>02/08/2022</b>	
Discipline : <b>Chemical Testing</b>		Group: <b>Water</b>	
Test Report No.:	<b>RWTL/SNG/2122/2223/00178</b>	Date of Issue :	<b>16/08/2022</b>
Registration no.:	<b>RWTL/SNG/2122/REG2223/00793</b>	Condition of Sample :	<b>Unsealed</b>
Source :	<b>NA</b>	Quantity/Type of Bottle:	<b>500 ml / Amber Colored Glass Bottle</b>
Scheme :	<b>NA</b>	Location/Depth :	<b>Som Sons Colony TW No. 21 / NA</b>
Village :	<b>NA</b>	Habitation :	<b>NA</b>
Block:	<b>Malerkotla-I</b>	District :	<b>Sangrur</b>
Latitude :	<b>NA</b>	Longitude:	<b>NA</b>

Sample Type: **Water**

Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.67	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-1993 ) Electrometric Method
2	Colour	<5	5	15	Hazen	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Disagreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	TDS	472	500	2000	mg/l	IS 3025 (Part 16-1984) Gravimetric Method
5	Turbidity	BDL	1	5	NTU	IS 3025 (Part 10-1984) Nephelometric Method
6	Alkalinity	200	200	600	mg/l	IS 3025 (Part 23-1986) Indicator Method
7	Hardness	160	200	600	mg/l	IS 3025 (Part 21- 2019) EDTA Method
8	Calcium	24	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
9	Magnesium	24	30	100	mg/l	APHA (23rd Ed.2017) Method: 3500-Mg+2 B By Calculation Method
10	Chloride	40	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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5. \* Value not available or test not performed for this parameter.



**Dr. Ramesh Jhorar**  
Quality Manager  
Authorized Signatory  
For, Regional Water Testing Lab,  
Sangrur

----- End of the Test Report -----



**REGIONAL WATER TESTING LAB, SANGRUR**  
Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur  
rwtsangrur@gmail.com



TC-9884

**TEST REPORT**

Name & Address of Customer : <b>Municipal Concil Malerkotla Malerkotla</b>	Customer Reference No.	<b>No : 1262 Dated : 28/07/2022</b>	
	Sample Submitted by	<b>Kulwinder Singh</b>	
	Date of Sample Receipt	<b>01/08/2022</b>	
	Analysis Starting Date	<b>01/08/2022</b>	
	Analysis completion Date	<b>02/08/2022</b>	
Discipline : <b>Chemical Testing</b>		Group: <b>Water</b>	
Test Report No.:	<b>RWTL/SNG/2122/2223/00178</b>	Date of Issue :	<b>16/08/2022</b>
Registration no.:	<b>RWTL/SNG/2122/REG2223/00794</b>	Condition of Sample :	<b>Unsealed</b>
Source :	<b>NA</b>	Quantity/Type of Bottle:	<b>500 ml / Amber Colored Glass Bottle</b>
Scheme :	<b>NA</b>	Location/Depth :	<b>Club Chowkn TW No. 1 / NA</b>
Village :	<b>NA</b>	Habitation :	<b>NA</b>
Block:	<b>Malerkotla-I</b>	District :	<b>Sangrur</b>
Latitude :	<b>NA</b>	Longitude:	<b>NA</b>

Sample Type: **Water**

Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.49	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-1993 ) Electrometric Method
2	Colour	<5	5	15	Hazen	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Disagreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	TDS	475	500	2000	mg/l	IS 3025 (Part 16-1984) Gravimetric Method
5	Turbidity	BDL	1	5	NTU	IS 3025 (Part 10-1984) Nephelometric Method
6	Alkalinity	<b>230</b>	200	600	mg/l	IS 3025 (Part 23-1986) Indicator Method
7	Hardness	140	200	600	mg/l	IS 3025 (Part 21- 2019) EDTA Method
8	Calcium	16	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
9	Magnesium	24	30	100	mg/l	APHA (23rd Ed.2017) Method: 3500-Mg+2 B By Calculation Method
10	Chloride	40	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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5. \* Value not available or test not performed for this parameter.

**Dr. Ramesh Jhorar**  
Quality Manager  
Authorized Signatory  
For, Regional Water Testing Lab,  
Sangrur

----- End of the Test Report -----

TEST REPORT							
Name & Address of Customer : <b>Municipal Concil Malerkotla Malerkotla</b>			Customer Reference No.		No : 1262 Dated : 28/07/2022		
			Sample Submitted by		Kulwinder Singh		
			Date of Sample Receipt		01/08/2022		
			Analysis Starting Date		01/08/2022		
			Analysis completion Date		02/08/2022		
Discipline : <b>Chemical Testing</b>			Group: <b>Water</b>				
Test Report No.:		RWTL/SNG/2122/2223/00178		Date of Issue :		16/08/2022	
Registration no.:		RWTL/SNG/2122/REG2223/00795		Condition of Sample :		Unsealed	
Source :		NA		Quantity/Type of Bottle:		500 ml / Amber Colored Glass Bottle	
Scheme :		NA		Location/Depth :		Ravidas Nagar TW no. 10 / NA	
Village :		NA		Habitation :		NA	
Block:		Malerkotla-I		District :		Sangrur	
Latitude :		NA		Longitude:		NA	
Sample Type: <b>Water</b>							
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :	
			Acceptable Limit	Permissible Limit			
1	pH	7.77	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-1993 ) Electrometric Method	
2	Colour	<5	5	15	Hazen	IS 3025(Part 4-2021) Visual Comparison Method	
3	Odour	Agreeable	Agreeable	Disagreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)	
4	TDS	472	500	2000	mg/l	IS 3025 (Part 16-1984) Gravimetric Method	
5	Turbidity	BDL	1	5	NTU	IS 3025 (Part 10-1984) Nephelometric Method	
6	Alkalinity	<b>220</b>	200	600	mg/l	IS 3025 (Part 23-1986) Indicator Method	
7	Hardness	140	200	600	mg/l	IS 3025 (Part 21- 2019) EDTA Method	
8	Calcium	8	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method	
9	Magnesium	29	30	100	mg/l	APHA (23rd Ed.2017) Method: 3500-Mg+2 B By Calculation Method	
10	Chloride	50	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method	

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5. \* Value not available or test not performed for this parameter.



**Dr. Ramesh Jhorar**  
Quality Manager  
Authorized Signatory  
For, Regional Water Testing Lab,  
Sangrur

----- End of the Test Report -----

### TEST REPORT

Name & Address of Customer : <b>Municipal Concil Malerkotla Malerkotla</b>	Customer Reference No.	<b>No : 1262 Dated : 28/07/2022</b>
	Sample Submitted by	<b>Kulwinder Singh</b>
	Date of Sample Receipt	<b>01/08/2022</b>
	Analysis Starting Date	<b>01/08/2022</b>
	Analysis completion Date	<b>02/08/2022</b>
Discipline : <b>Chemical Testing</b>		Group: <b>Water</b>
Test Report No.:	<b>RWTL/SNG/2122/2223/00178</b>	Date of Issue : <b>16/08/2022</b>
Registration no.:	<b>RWTL/SNG/2122/REG2223/00796</b>	Condition of Sample : <b>Unsealed</b>
Source :	<b>NA</b>	Quantity/Type of Bottle: <b>500 ml / Amber Colored Glass Bottle</b>
Scheme :	<b>NA</b>	Location/Depth : <b>EO Residence TW no. 2 / NA</b>
Village :	<b>NA</b>	Habitation : <b>NA</b>
Block:	<b>Malerkotla-I</b>	District : <b>Sangrur</b>
Latitude :	<b>NA</b>	Longitude: <b>NA</b>

Sample Type: **Water**

Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.89	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-1993 ) Electrometric Method
2	Colour	<5	5	15	Hazen	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Disagreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	TDS	422	500	2000	mg/l	IS 3025 (Part 16-1984) Gravimetric Method
5	Turbidity	BDL	1	5	NTU	IS 3025 (Part 10-1984) Nephelometric Method
6	Alkalinity	<b>230</b>	200	600	mg/l	IS 3025 (Part 23-1986) Indicator Method
7	Hardness	140	200	600	mg/l	IS 3025 (Part 21- 2019) EDTA Method
8	Calcium	16	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
9	Magnesium	24	30	100	mg/l	APHA (23rd Ed.2017) Method: 3500-Mg+2 B By Calculation Method
10	Chloride	45	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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5. \* Value not available or test not performed for this parameter.



**Dr. Ramesh Jhorar**  
Quality Manager  
Authorized Signatory  
For, Regional Water Testing Lab,  
Sangrur

----- End of the Test Report -----

### TEST REPORT

Name & Address of Customer : <b>Municipal Concil Malerkotla Malerkotla</b>	Customer Reference No.	<b>No : 1262 Dated : 28/07/2022</b>
	Sample Submitted by	<b>Kulwinder Singh</b>
	Date of Sample Receipt	<b>01/08/2022</b>
	Analysis Starting Date	<b>01/08/2022</b>
	Analysis completion Date	<b>02/08/2022</b>
Discipline : <b>Chemical Testing</b>		Group: <b>Water</b>
Test Report No.:	<b>RWTL/SNG/2122/2223/00178</b>	Date of Issue : <b>16/08/2022</b>
Registration no.:	<b>RWTL/SNG/2122/REG2223/00797</b>	Condition of Sample : <b>Unsealed</b>
Source :	<b>NA</b>	Quantity/Type of Bottle: <b>1000 ml / Amber Colored Glass Bottle</b>
Scheme :	<b>NA</b>	Location/Depth : <b>Bus Stand TW No. 8 / NA</b>
Village :	<b>NA</b>	Habitation : <b>NA</b>
Block:	<b>Malerkotla-I</b>	District : <b>Sangrur</b>
Latitude :	<b>NA</b>	Longitude: <b>NA</b>

Sample Type: **Water**

Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.96	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-1993 ) Electrometric Method
2	Colour	<5	5	15	Hazen	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Disagreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	TDS	494	500	2000	mg/l	IS 3025 (Part 16-1984) Gravimetric Method
5	Turbidity	BDL	1	5	NTU	IS 3025 (Part 10-1984) Nephelometric Method
6	Alkalinity	<b>290</b>	200	600	mg/l	IS 3025 (Part 23-1986) Indicator Method
7	Hardness	180	200	600	mg/l	IS 3025 (Part 21- 2019) EDTA Method
8	Calcium	40	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
9	Magnesium	19	30	100	mg/l	APHA (23rd Ed.2017) Method: 3500-Mg+2 B By Calculation Method
10	Chloride	45	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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5. \* Value not available or test not performed for this parameter.



**Dr. Ramesh Jhorar**  
Quality Manager  
Authorized Signatory  
For, Regional Water Testing Lab,  
Sangrur

----- End of the Test Report -----

### TEST REPORT

Name & Address of Customer : <b>Municipal Concil Malerkotla Malerkotla</b>	Customer Reference No.	<b>No : 1262 Dated : 28/07/2022</b>
	Sample Submitted by	<b>Kulwinder Singh</b>
	Date of Sample Receipt	<b>01/08/2022</b>
	Analysis Starting Date	<b>01/08/2022</b>
	Analysis completion Date	<b>02/08/2022</b>
Discipline : <b>Chemical Testing</b>		Group: <b>Water</b>
Test Report No.:	<b>RWTL/SNG/2122/2223/00178</b>	Date of Issue : <b>16/08/2022</b>
Registration no.:	<b>RWTL/SNG/2122/REG2223/00798</b>	Condition of Sample : <b>Unsealed</b>
Source :	<b>NA</b>	Quantity/Type of Bottle: <b>1000 ml / Amber Colored Glass Bottle</b>
Scheme :	<b>NA</b>	Location/Depth : <b>Purani Kachehri TW No. 17 / NA</b>
Village :	<b>NA</b>	Habitation : <b>NA</b>
Block:	<b>Malerkotla-I</b>	District : <b>Sangrur</b>
Latitude :	<b>NA</b>	Longitude: <b>NA</b>

Sample Type: **Water**

Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.54	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-1993 ) Electrometric Method
2	Colour	<5	5	15	Hazen	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Disagreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	TDS	<b>740</b>	500	2000	mg/l	IS 3025 (Part 16-1984) Gravimetric Method
5	Turbidity	BDL	1	5	NTU	IS 3025 (Part 10-1984) Nephelometric Method
6	Alkalinity	<b>310</b>	200	600	mg/l	IS 3025 (Part 23-1986) Indicator Method
7	Hardness	<b>300</b>	200	600	mg/l	IS 3025 (Part 21- 2019) EDTA Method
8	Calcium	56	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
9	Magnesium	<b>39</b>	30	100	mg/l	APHA (23rd Ed.2017) Method: 3500-Mg+2 B By Calculation Method
10	Chloride	125	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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5. \* Value not available or test not performed for this parameter.



**Dr. Ramesh Jhorar**  
Quality Manager  
Authorized Signatory  
For, Regional Water Testing Lab,  
Sangrur

----- End of the Test Report -----

**REGIONAL WATER TESTING LAB, SANGRUR**  
Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur  
rwtsangrur@gmail.com



TC-9884

**TEST REPORT**

Name & Address of Customer : <b>Municipal Concil Malerkotla Malerkotla</b>	Customer Reference No.	<b>No : 1262 Dated : 28/07/2022</b>	
	Sample Submitted by	<b>Kulwinder Singh</b>	
	Date of Sample Receipt	<b>01/08/2022</b>	
	Analysis Starting Date	<b>01/08/2022</b>	
	Analysis completion Date	<b>02/08/2022</b>	
Discipline : <b>Chemical Testing</b>		Group: <b>Water</b>	
Test Report No.:	<b>RWTL/SNG/2122/2223/00178</b>	Date of Issue :	<b>16/08/2022</b>
Registration no.:	<b>RWTL/SNG/2122/REG2223/00799</b>	Condition of Sample :	<b>Unsealed</b>
Source :	<b>NA</b>	Quantity/Type of Bottle:	<b>500 ml / Amber Colored Glass Bottle</b>
Scheme :	<b>NA</b>	Location/Depth :	<b>Muhalla Sadewala TW no. 23 / NA</b>
Village :	<b>NA</b>	Habitation :	<b>NA</b>
Block:	<b>Malerkotla-I</b>	District :	<b>Sangrur</b>
Latitude :	<b>NA</b>	Longitude:	<b>NA</b>

Sample Type: **Water**

Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.87	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-1993 ) Electrometric Method
2	Colour	<5	5	15	Hazen	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Disagreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	TDS	388	500	2000	mg/l	IS 3025 (Part 16-1984) Gravimetric Method
5	Turbidity	BDL	1	5	NTU	IS 3025 (Part 10-1984) Nephelometric Method
6	Alkalinity	<b>210</b>	200	600	mg/l	IS 3025 (Part 23-1986) Indicator Method
7	Hardness	140	200	600	mg/l	IS 3025 (Part 21- 2019) EDTA Method
8	Calcium	24	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
9	Magnesium	19	30	100	mg/l	APHA (23rd Ed.2017) Method: 3500-Mg+2 B By Calculation Method
10	Chloride	40	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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5. \* Value not available or test not performed for this parameter.

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Sangrur

----- End of the Test Report -----