

TEST REPORT



ULR No. : TC747721000007206F		Test Report No. : EL241121NA001	
Type of Sample : Ambient Air Quality		Date of Reporting : 26/11/2021	
Customer	MIRI PIRI Institute of Medical Science & Research Shahbad, Markanda, Kurukshetra, Haryana	Work Order No. & Date	NO.MPI/HFS/2021/2236 Dt.: 14/11/2021
		Customer reference No. (If any)	NA
Sampling Protocol	IS:5182 and CPCB Air Manual Volume-I (NAAQMS/36/2012-13) / CPCBNAAQS-2009	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	23/11/2021	Date of Receipt of Sample	24/11/2021
Sampling Location	Infront of Hospital Entrance Gate	Period of Analysis	24/11/2021 To 26/11/2021
Testing Protocol	IS:5182 and CPCB Air Manual Volume-I (NAAQMS/36/2012-13) / CPCBNAAQS-2009	Environmental Conditions	Clear sky
Testing Location	On Site & Permanent Facility		

RESULTS

I-Chemical Testing

1. Atmospheric Pollution (Ambient Air)

S.No.	Test Parameter	Unit	Result	Standard	Method
1	Respirable Suspended Particulate Matter (as PM10)	µg/m ³	120	100	IS: 5182 (Part-23)
2	Particulate Matter (as PM2.5)	µg/m ³	70	60	Lab SOP: EL/SOP/AAQ/01, Issue No. 03, Jan 01
3	Sulphur Dioxide (as SO ₂)	µg/m ³	12	80	IS: 5182 (Part-2)
4	Nitrogen Dioxide (as NO ₂)	µg/m ³	26	80	IS: 5182 (Part-6)
5	Ammonia (as NH ₃)	µg/m ³	23	400	Lab SOP: EL/SOP/AAQ/02, Issue No. -03, Jan 01
6	Ozone (as O ₃)	µg/m ³	25	180	IS: 5182 (Part-9)
7	Carbon Monoxide (as CO)	mg/m ³	0.69	04	IS: 5182 (Part-10), NDIR Method

Remarks : NA

OTHER INFORMATION

Abbreviation :

ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions :

Please refer terms and conditions on backside of Test Report (Page-1)

End of Report

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Checked by QA

Umesh Kumar
Authorized Signatory-Chemical

TEST REPORT



ULR No. : TC747721000007214F		Test Report No. : EL241121NN001	
Type of Sample : Ambient Noise		Date of Reporting : 26/11/2021	
Customer	MIRI PIRI Institute of Medical Science & Research Shahbad, Markanda, Kurukshetra, Haryana	Work Order No. & Date	NO.MPI/HFS/2021/2236 Dt.: 14/11/2021
		Customer reference No. (if any)	NA
Sampling Protocol	IS 9989-1989, RA 2008.	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	23/11/2021	Date of Receipt of Sample	24/11/2021
Sampling Location	Infront of Hospital Entrance Gate	Period of Analysis	24/11/2021 To 24/11/2021
Testing Protocol	IS 9989-1989, RA 2008.		
Testing Location	On Site & Permanent Facility		

RESULTS

I- Chemical Testing

1. Atmospheric Pollution (Ambient Noise Level)

S.No.	Test Parameters	Units	Results	Method
1	Ambient Day Time Noise Levels	dB(A)	60.6	LAB SOP: EL/SOP/AN/01, Issue No.-04, Nov 10

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits in dB(A) Leq*	
		Day Time	Night Time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50	40

Day time shall mean from 6.00 a.m. to 10.00 p.m., Night time shall mean from 10.00 p.m. to 6.00 a.m., Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.
*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale 'A' which is relatable to human hearing

Remarks : NA


OTHER INFORMATION

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Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

End of Report


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TEST REPORT



ULR No. : TC747721000007203F		Test Report No. : EL231121HW001	
Type of Sample : Water (Ground Water)		Date of Reporting : 26/11/2021	
Customer	MIRI PIRI Institute of Medical Science & Research Shahbad, Markanda, Kurukshetra, Haryana	Work Order No. & Date	NO.MPI/HFS/2021/2236 Dt.: 14/11/2021
		Customer reference No. (If any)	NA
Sampling Protocol	IS:3025 (P-1) 1987 RA 2019	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	23/11/2021	Date of Receipt of Sample	23/11/2021
Sampling Location	From Borewell	Testing Location	Permanent Facility
Testing Protocol	IS:10500-2012 (IInd Revision)	Period of Analysis	23/11/2021 To 26/11/2021
Sample Description	Clear, colourless liquid.		
Packing, Markings, Seal & Qty.	2 litre Plastic & 250ml Glass Bottle Marked 'S/23/01'		

RESULTS

I -Chemical Testing

1. Water (Ground Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Colour	Colour Units	BDL(DL5)	5	15	IS: 3025 (Part-4)Cl 2.0
2	Odour	-	Agreeable	Agreeable	Agreeable	IS:3025 (Part-5)
3	pH @ 25°C	-	7.40	6.5-8.5	No relaxation	IS:3025 (Part-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-8)
5	Turbidity	NTU	BDL(DL1.0)	1	5	IS 3025 (Part-10)
6	Chloride as Cl	mg/l	21	250	250	IS: 3025 (Part-32)
7	Iron as Fe	mg/l	BDL(DL0.1)	1.0	No relaxation	APHA-23rd Ed -3500Fe-B Phenanthroline Method
8	Total hardness as CaCO ₃	mg/l	104	200	600	IS :3025 (Part-21)

II -Biological Testing

1. Water (Ground Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Total coliform	CFU/100ml	Absent	Absent	-	IS:15185
2	E.coli.	CFU/100ml	Absent	Absent	-	IS:15185

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Simranjit Kaur
Authorized Signatory-Biological

Tanu Sharma
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TC-7477

ULR No. : TC747721000007203F

Test Report No. : EL231121NW001

Type of Sample : Water (Ground Water)

Date of Reporting : 26/11/2021

Remarks : NA

OTHER INFORMATION

Abbreviation :

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Terms & Conditions :

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****End of Report****

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Checked by QA

Simranjit Kaur
Simranjit Kaur
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Tanu Sharma
Tanu Sharma
Authorized Signatory-Chemical

TEST REPORT



ULR No. : TC747721000007199F		Test Report No. : EL231121NS001	
Type of Sample : Soil		Date of Reporting : 26/11/2021	
Customer	MIRI PIRI Institute of Medical Science & Research Shahbad, Markanda, Kurukshetra, Haryana	Work Order No. & Date	NO.MPI/HFS/2021/2236 Dt.: 14/11/2021
		Customer reference No. (If any)	NA
Sampling Protocol	USEPA/600/R-92/128	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	23/11/2021	Date of Receipt of Sample	23/11/2021
Sampling Location	From Park Infront of OPD Building	Testing Location	Permanent Facility
Testing Protocol	IS Method	Period of Analysis	23/11/2021 To 26/11/2021
Sample Description	Brown colored soil.		
Packing, Markings, Seal & Qty.	5 Kg Poly Bag Marked 'S/23/01'		

RESULTS

I. Chemical Testing

1. Pollution & Environment (Soil)

S.No.	Test Parameter	Unit	Result	Test Method
1	pH	--	8.15	IS:2720 (Part-26) Cl-2,
2	Conductivity	mmhos/cm	0.218	IS:14767
3	Moisture Content	%	11.2	IS:2720 (Part-II) Sec-1
4	Organic Matter	%	1.62	IS: 2720 (Part XXII) Sec-1,
5	Texture	--	Sandy Loam	IS:2720 (Part-4) Cl 2,4,
6	Bulk Density	gm/cc	1.52	IS: 2720 (Part-7)

Remarks : NA

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