



#### **Water Trend Verification**

Name of the Department: Microbiology

Sample Size: Trend Monitoring for last three months period. (If any discrepancy observes than the review shall be extend to more 3 months data from previous period)

Details of Record under review along with the established procedure: Month: S.No. Description of water testing details **Review Details** No. of Selected day: Day 1 Day 3 Day 5 Day 2 Day 4 No. of Selected date: 10 11 11 No. of Sampling point Specification No. **Sampling Quantity** 1000 ml 1000 ml 1000 ml Analytical report No. **Material Name Raw Water Raw Water Raw Water** Sampling point No. Sampling point location Bore well outlet-I Bore well outlet-I Bore well outlet-I **Sampling Date** Sampling By **Tested results** Clear, colourless and odourless liquid Description Specification liquid liquid liquid liquid Clear, colourless and odourless liquid Result Clear, colourless and odourless liquid Clear, colourless and odourless liquid Analyzed by Date Checked By Date Between 5.0 and 8.0 pН **Between 5.0 and 8.0 Between 5.0 and 8.0** Between 5.0 and 8.0 **Between 5.0 and 8.0** Specification 7.392 Result Analyzed by Date Checked By Date NMT 200 ppm **Total Hardness** Specification 137 ppm Result Date Analyzed by Checked By Date NMT 1 ppm NMT 1 ppm NMT 1 ppm NMT 1 ppm Heavy metals Specification NMT 1 ppm Result Complies Date Analyzed by Checked By Date NMT 45 ppm NMT 45 ppm NMT 45 ppm NMT 45 ppm Nitrate NMT 45 ppm Specification Result 22.0 ppm Analyzed by Date Checked By Date



	ater testing details			Review Details			
No. of Selected d No. of Selected d	ay:	Day 1	Day 2	Day 3	Day 4	Day 5	
Residual free	Specification	Absent (Borewell)	Absent (Borewell)	Absent (Borewell)	Absent (Borewell)	Absent (Borewell)	
Chlorine (Borewell/other	Result	Absent					
than Borewell)	Analyzed by Date						
	Checked By Date						
Total Dissolved	Specification	NMT 500 ppm	NMT 500 ppm	NMT 500 ppm	NMT 500 ppm	NMT 500 ppm	
Solids	Result	95.83 ppm					
	Analyzed by Date						
	Checked By Date						
Microbial Contam	ination						
a. Microbial	Specification	NMT 500 CFU/ml	NMT 500 CFU/ml	NMT 500 CFU/ml	NMT 500 CFU/ml	NMT 500 CFU/ml	
Count	Result	208 CFUs/ml					
	Analyzed by Date						
	Checked By Date						
b. Test on Specified	d microorganism						
i. Escherichia	Specification	Should be Absent in 100 ml	Should be Absent in 100 n				
Coli	Result	Absent					
	Analyzed by Date						
	Checked By Date						
ii. Salmonella	Specification	Should be Absent in 100 ml	Should be Absent in 100 n				
	Result	Absent					
	Analyzed by Date						
	Checked By Date						
iii. Pseudomonas	Specification	Should be Absent in 100 ml	Should be Absent in 100 m				
aeruginosa	Result	Absent					
	Analyzed Date by						
	Checked By Date						
iv. Staphylococcu	Specification	Should be Absent in 100 ml	Should be Absent in 100 n				
s aureus	Result	Absent					
	Analyzed by Date						
	Checked By Date						
v. Shigella	Specification	Should be Absent in 100 ml	Should be Absent in 100 n				
	Result	Absent					



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S.No.								Review I	<b>Details</b>				
	No. of Selected d	ay:	<b>→</b>	Da	ny 1	D	ay 2	D	ay 3	Da	y 4	Day	5
	No. of Selected d	ate:	<b></b>										
		Analyzed by	Date										
		Checked By	Date										
	vi. Coliforms	Specification	'	Should be A	bsent in 100 ml	Should be A	Absent in 100 ml	Should be A	Absent in 100 ml	Should be Al	osent in 100 ml	Should be Abs	ent in 100 ml
		Result		Ab	esent								
		Analyzed by	Date										
		Checked By	Date										
В.	Analytical report N	0.											
	Material Name			Raw	Water	Raw	Water						
	Sampling point No	•											
	Sampling point loca	ation		Borewel	l outlet-II	Borewe	ell outlet-II						
	Sampling Date												
	Sampling By												
	Tested r	T				T						T ===	
1.	Description Specification Clear, colourless and odourless liquid Clear, colourless and odourless			ess and odourless iquid	·	ss and odourless Juid	Clear, colourless						
		Result			and odourless liquid		and odourless liquid		1	-	•	1	
		Analyzed by	Date	Cicar, colouriess a	ina odouriess riquia	Cicar, colouriess	and odouriess riquid						
		Checked By	Date										
2.	pН	Specification Specification	Bute	Between	5.0 and 8.0	Between	5.0 and 8.0	Between	5.0 and 8.0	Between 5	5.0 and 8.0	Between 5.0	0 and 8.0
	r	Result			492		.441						
		Analyzed by	Date										
		Checked By	Date										
3.	Total Hardness	Specification	1	NMT	200 ppm	NMT	200 ppm	NMT	200 ppm	NMT 2	200 ppm	NMT 20	00 ppm
		Result		142	2 PPM		137						
		Analyzed by	Date										
		Checked By	Date										
4.	Heavy metals	Specification Specification		NMT	1 ppm	NM	 T 1 ppm	NM'	Г 1 ррт	NMT	1 ppm	NMT 1	ppm
		Result			nplies	Cor	mplies						
		Analyzed by	Date										
		Checked By	Date										
5.	Nitrate	Specification	•	NMT	45 ppm	NMT	Г 45 ppm	NMT	7 45 ppm	NMT	45 ppm	NMT 4	5 ppm
		Result		22.4	ppm		22						
		Analyzed by	Date										



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S.No.	Description of wa							Review D	etails				
	No. of Selected da			D	ay 1	Da	ay 2	Da	ay 3	Da	y 4	Day	5
	No. of Selected da	ate:	<b></b>										
		Checked By	Date										
6.	Residual free	Specification		Absent	(Borewell)	Absent	(Borewell)	Absent	(Borewell)	Absent (	Borewell)	Absent (B	Borewell)
	Chlorine (Borewell/other	Result		Al	bsent	At	osent						
	than Borewell)	Analyzed by	Date										
		Checked By	Date										
7.	Total Dissolved	Specification		NMT	500 ppm	NMT	500 ppm	NMT :	500 ppm	NMT 5	500 ppm	NMT 50	00 ppm
	Solids	Result		95.8	30 ppm	94	1.85						
		Analyzed by	Date										
		Checked By	Date										
8.	Microbial Contami	nation											
	a. Microbial	Specification		NMT 50	00 CFU/ml	NMT 50	00 CFU/ml	NMT 50	00 CFU/ml	NMT 50	0 CFU/ml	NMT 500	CFU/ml
	Count	Result		207 C	CFUs/ml	2	212						
		Analyzed by	Date										
		Checked By	Date										
	b. Test on Specified	l microorganism	1									·	
	i. Escherichia	Specification		Should be A	bsent in 100 ml	Should be A	bsent in 100 ml	Should be Al	bsent in 100 ml	Should be Ab	sent in 100 ml	Should be Abs	ent in 100 ml
	Coli	Result		Al	bsent	At	osent						
		Analyzed by	Date										
		Checked By	Date										
	ii. Salmonella	Specification		Should be A	bsent in 100 ml	Should be A	bsent in 100 ml	Should be Al	bsent in 100 ml	Should be Ab	sent in 100 ml	Should be Abs	ent in 100 ml
		Result		Al	bsent	At	sent						
		Analyzed by	Date										
		Checked By	Date										
	iii. Psudomonas	Specification		Should be A	bsent in 100 ml	Should be A	bsent in 100 ml	Should be Al	bsent in 100 ml	Should be Ab	sent in 100 ml	Should be Abs	ent in 100 ml
	aeruginosa	Result		Al	bsent	At	osent				1		
		Analyzed by	Date										
		Checked By	Date										
	iv. Staphylococcu	Specification		Should be A	bsent in 100 ml	Should be A	bsent in 100 ml	Should be Al	bsent in 100 ml	Should be Ab	sent in 100 ml	Should be Abs	ent in 100 ml
	s aureus	Result		Al	bsent	At	osent				Γ		
		Analyzed by	Date										
		Checked By	Date			GI 133	1 400				1.100		
	v. Shigella	Specification			bsent in 100 ml		bsent in 100 ml	Should be Al	bsent in 100 ml	Should be Ab	osent in 100 ml	Should be Abs	ent in 100 ml
		Result		Al	bsent	At	osent						



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	water testing details					Review D	etails				
No. of Selected No. of Selected	day:	D	ay 1	D	ey 2	Da	ny 3	D	ay 4	Day	5
	Analyzed by Date										
	Checked By Date										
vi. Coliforms	Specification	Should be A	bsent in 100 ml	Should be A	Absent in 100 ml	Should be A	bsent in 100 ml	Should be A	Absent in 100 ml	Should be Abs	sent in 100 ml
	Result	A	bsent	A	bsent						
	Analyzed by Date										
	Checked By Date										
C. Analytical report	No.	NA	NA		NA				•		
Material Name: S	oft Water	NA	NA		NA						
Sampling point N	[o.	NA	NA		NA						
Sampling point lo	ocation	NA	NA		NA						
Sampling Date		NA	NA		NA						
Sampling By		NA	NA		NA						
Tested results						·					
1. Description	Description Specification		Clear, colourless and odourless liquid		less and odourless iquid	-	ess and odourless quid	-	less and odourless iquid	Clear, colourles	
	Result	NA	NA		NA						
	Analyzed by Date	NA	NA		NA						
	Checked By Date	NA	NA		NA						
2. pH	Specification	Between	5.0 and 8.0	Between	5.0 and 8.0	Between	5.0 and 8.0		NA	Between 5.	0 and 8.0
	Result	NA	NA		NA	I	NA				
	Analyzed by Date	NA	NA		NA						
	Checked By Date	NA	NA		NA						
3. Total Hardness	Specification	NMT	200 ppm	NMT	7 200 ppm	I	NA	NMT	200 ppm	NMT 20	00 ppm
	Result	NA	NA		NA						
	Analyzed by Date	NA	NA		NA						
	Checked By Date	NA	NA		NA						
4. Heavy metals	Specification	NMT	Г 1 ррт	NM	T 1 ppm	NMT	1 ppm		NA	NMT	1 ppm
	Result	NA	NA		NA	I	NA				
	Analyzed by Date	NA	NA		NA						
	Checked By Date	NA	NA		NA						
5. Nitrate	Specification	NMT	45 ppm	NMT	Г 45 ррт	I	NA	NMT	Г 45 ррт	NMT 4	5 ppm
	Result	NA	NA		NA						
	Analyzed by Date	NA	NA		NA						



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	Description of wat					Review Details		
	No. of Selected da No. of Selected da	y:	D	ay 1	Day 2	Day 3	Day 4	Day 5
		Checked By Date	NA	NA	NA			
	Residual free Chlorine	Specification		om (other than rewell)	NLT 0.2 ppm (other than Borewell)	NLT 0.2 ppm (other than Borewell)	NA	NLT 0.2 ppm (other than Borewell)
	(Borewell/other than Borewell)	Result	NA	NA	NA	NA		
	than Bore wen,	Analyzed by Date	NA	NA	NA			
		Checked By Date	NA	NA	NA			
	Total Dissolved	Specification	NMT	500 ppm	<b>NMT 500 ppm</b>	NA	NMT 500 ppm	NMT 500 ppm
	Solids	Result	NA	NA	NA			
		Analyzed by Date	NA	NA	NA			
		Checked By Date	NA	NA	NA			
8.	Microbial Contamin	ation						
	a) Microbial	Specification	NMT 5	00 CFU/ml	NMT 500 CFU/ml	NMT 500 CFU/ml	NMT 500 CFU/ml	NMT 500 CFU/ml
	Count	Result	NA	NA	NA			
		Analyzed by Date	NA	NA	NA			
		Checked By Date	NA	NA	NA			
	b)Test on Specified microorganism							
	i. Escherichia	Specification	Should be A	bsent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 m
	Coli	Result	NA	NA	NA			
		Analyzed by Date	NA	NA	NA			
		Checked By Date	NA	NA	NA			
	ii. Salmonella	Specification	Should be A	bsent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 m
		Result	NA	NA	NA			
		Analyzed by Date	NA	NA	NA			
		Checked By Date	NA	NA	NA			
	iii. Psudomonas	Specification	Should be A	bsent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 m
	aeruginosa	Result	NA	NA	NA			
		Analyzed by Date	NA	NA	NA			
		Checked By Date	NA	NA	NA			
	iv. Staphylococcus	Specification	Should be A	bsent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 m
	aureus	Result	NA	NA	NA			
		Analyzed by Date	NA	NA	NA			
		Checked By Date	NA	NA	NA			
	v. Shigella	Specification	Should be A	bsent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml



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S.No.		ater testing details				Review Details		
		lay:	D	ay 1	Day 2	Day 3	Day 4	Day 5
		Result	NA	NA	NA			
		Analyzed by Date	NA	NA	NA			
		Checked By Date	NA	NA	NA			
	vi. Coliforms	Specification	Should be A	bsent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml
		Result	NA	NA	NA			
		Analyzed by Date	NA	NA	NA			
		Checked By Date	NA	NA	NA			
D.	Analytical report N	lo.	NA	NA	NA			
	Material Name: SV	V	NA	NA	NA			
	Sampling point No		NA	NA	NA			
	Sampling point loc	ation	NA	NA	NA			
	Sampling Date		NA	NA	NA			
	Sampling By		NA	NA	NA			
	Tested 1	results						
1.	Description	Specification	Clear, colourless and odourless liquid		Clear, colourless and odourless liquid	Clear, colourless and odourless liquid	Clear, colourless and odourless liquid	Clear, colourless and odourles
		Result	NA	NA	NA		-	
		Analyzed by Date	NA	NA	NA			
		Checked By Date	NA	NA	NA			
2.	pН	Specification	Between	5.0 and 8.0	Between 5.0 and 8.0	Between 5.0 and 8.0	Between 5.0 and 8.0	Between 5.0 and 8.0
		Result	NA	NA	NA			
		Analyzed by Date	NA	NA	NA			
		Checked By Date	NA	NA	NA			
3.	Total Hardness	Specification	NMT	200 ppm	NMT 200 ppm	NMT 200 ppm	NMT 200 ppm	NMT 200 ppm
		Result	NA	NA				
		Analyzed by Date	NA	NA				
		Checked By Date	NA	NA				
4.	Heavy metals	Specification	NMT	Г 1 ррт	NMT 1 ppm	NMT 1 ppm	NMT 1 ppm	NMT 1 ppm
		Result	NA	NA				
		Analyzed by Date	NA	NA				
		Checked By Date	NA	NA				
5.	Nitrate	Specification	NMT	45 ppm	NMT 45 ppm	NMT 45 ppm	NMT 45 ppm	NMT 45 ppm
		Result	NA	NA				



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	on of water testing details				Review Details		
No. of Seld	ected day:	Da	ay 1	Day 2	Day 3	Day 4	Day 5
	Analyzed by Date	NA	NA				
	Checked By Date	NA	NA				
Residual fre		NLT 0.2 ppm (ot	ther than Borewell)	NLT 0.2 ppm (other than Borewell)			
(Borewell/c		NA	NA		,		,
than Borew	ell) Analyzed by Date	NA	NA				
	Checked By Date	NA	NA				
Total Disso	lved Specification	NMT :	500 ppm	NMT 500 ppm	NMT 500 ppm	NMT 500 ppm	NMT 500 ppm
Solids	Result	NA	NA				
	Analyzed by Date	NA	NA				
	Checked By Date	NA	NA				
Microbial (	Contamination						
a) Microbia	l Specification	NMT 500 CFU/ml		NMT 500 CFU/ml	NMT 500 CFU/ml	NMT 500 CFU/ml	NMT 500 CFU/ml
Count	Result	NA	NA	NA			
	Analyzed by Date	NA	NA	NA			
	Checked By Date	NA	NA	NA			
b)Test on S	pecified microorganism		L			,	
i. Escheri	chia Specification	Should be Al	bsent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 m
Coli	Result	NA	NA	NA			
	Analyzed by Date	NA	NA	NA			
	Checked By Date	NA	NA	NA			
ii. Salmon		Should be Al	bsent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 m
	Result	NA	NA	NA			
	Analyzed by Date	NA	NA	NA			
	Checked By Date	NA	NA	NA			
iii. Psudom		Should be Al	bsent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 m
aerugin		NA	NA	NA			
	Analyzed by Date	NA	NA	NA			
	Checked By Date	NA	NA	NA			
iv. Staphyl			bsent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 m
aureus	Result	NA	NA	NA			
	Analyzed by Date	NA	NA	NA			
	Checked By Date	NA	NA	NA			





S.No	No. of Selected day:					Review Details			
	No. of Selected of No. of Selected of	lay:	Da	ay 1	Da	ay 2	Day 3	Day 4	Day 5
	v. Shigella	Specification	Should be Ab	osent in 100 ml	Should be A	bsent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml
		Result	NA	NA	1	NA			
		Analyzed by Date	NA	NA	1	NA			
		Checked By Date	NA	NA	1	NA			
	vi. Coliforms	Specification	Should be Al	osent in 100 ml	Should be A	bsent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml	Should be Absent in 100 ml
		Result	NA	NA	1	NA			
		Analyzed by Date	NA	NA	1	NA			
		Checked By Date	NA	NA	1	NA			
E.	Analytical report N	No.	NA	NA					
	Material Name: De	emineralised Water	NA	NA	Deminera	llised Water			
	Sampling point No	).	NA	NA					
	Sampling point loc	ation	NA	NA	DM After cation				
	Sampling Date			NA					
	Sampling By		NA	NA					
	Tested 1	results							
1.	Description	Specification			Clear, colourless a	and odourless liquid			
		Result			Clear, colourless	and odourless liquid			
		Analyzed by Date							
		Checked By Date							
2.	pН	Specification			Between	5.0 and 7.0			
		Result			4.	522			
		Analyzed by Date							
		Checked By Date							
3.	Conductivity	Specification			Not more th	han 200 μs/cm			
		Result			2	7.02			
		Analyzed by Date							
		Checked By Date							
4.	Total Hardness	Specification				olour should be duced			
		Result			Cor	nplies			
		Analyzed by Date							
		Checked By Date							
		<u>,                                     </u>	<u>,                                      </u>		<u>'</u>				





S.No.	Description of wat	ter testing det	tails				Review Details		
	No. of Selected da	y: te:	<b>→</b>	Day 1	D	ay 2	Day 3	Day 4	Day 5
5.	Heavy metals	Specification			Not more	than 1 ppm			
		Result			Cor	mplies			
		Analyzed by	Date						
		Checked By	Date						
8.	Microbial Contamin	ation							
	a) Microbial	Specification			Not more th	nan 250 cfu/ml			
	Count	Result				71			
		Analyzed by	Date						
		Checked By	Date						
	i. Escherichia	Specification			Should be al	bsent in 100 ml			
	Coli	Result			Al	bsent			
		Analyzed by	Date						
	Checked By Date								
	ii. Salmonella	Specification			Should be absent in 100 ml				
		Result			Al	osent			
		Analyzed by							
		Checked By	Date						
	iii. Psudomonas aeruginosa	Specification				bsent in 100 ml			
	aeruginosa	Result			Al	bsent			
		Analyzed by							
		Checked By	Date						
	iv. Staphylococcus	Specification			Should be al	bsent in 100 ml			
	aureus	Result			Al	bsent			
		Analyzed by	Date						
		Checked By	Date						
	v. Shigella			Should be al	bsent in 100 ml				
		Result		Al	bsent				
		Analyzed by	Date						
		Checked By	Date						
F.	Analytical report No.								
	Material Name: Dem	ineralised Wate	er		Deminera	alised Water			
	Sampling point No.								
		0.							



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S.No.	Description of wa	ter testing de	tails				Review Details		
	No. of Selected da	ny:	<b>→</b>	Day 1	Da	y 2	Day 3	Day 4	Day 5
	No. of Selected da	ite:	<b></b>						
	Sampling point locat	ion			DM Aft	ter anion			
	Sampling Date								
	Sampling By								
	Tested re	sults							
1.	Description	Specification			Clear, colourless an	nd odourless liquid			
		Result	_		Clear, colourless as	nd odourless liquid			
		Analyzed by	Date						
		Checked By	Date						
2.	рН	Specification			Between 5	5.0 and 7.0			
		Result			7.5	510			
		Analyzed by	Date						
		Checked By	Date						
3.	Conductivity	Specification			Not more that	an 200 μs/cm			
		Result			32	2.01			
		Analyzed by	Date						
		Checked By	Date						
4.	Total Hardness	Specification				olour should be luced			
		Result			Com	plies			
		Analyzed by	Date						
		Checked By	Date						
5.	Heavy metals	Specification			Not more t	than 1 ppm			
		Result			Com	plies			
		Analyzed by	Date						
		Checked By	Date						
8.	<b>Microbial Contamir</b>	nation							
	a) Microbial	Specification			Not more tha	an 250 cfu/ml			
	Count	Result			7	75			
		Analyzed by	Date						
		Checked By	Date						
	i. Escherichia	Specification			Should be abs	sent in 100 ml			
	Coli	Result			Abs	sent			
		Analyzed by	Date						
				·					



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S.No.	Description of wa	ter testing det	tails				<b>Review Details</b>		
	No. of Selected da	y:	→	Day 1	D	ay 2	Day 3	Day 4	Day 5
	No. of Selected da	te:	<b></b>						
		Checked By	Date						
	ii. Salmonella	Specification			Should be al	bsent in 100 ml			
		Result			Al	bsent			
		Analyzed by	Date						
		Checked By	Date						
	iii. Psudomonas	Specification			Should be al	bsent in 100 ml			
	aeruginosa	Result			Al	bsent			
		Analyzed by	Date						
		Checked By	Date						
	iv. Staphylococcus	Specification			Should be al	bsent in 100 ml			
	aureus	Result			Al	bsent			
		Analyzed by	Date						
		Checked By	Date						
	v. Shigella	Specification			Should be al	bsent in 100 ml			
		Result			Al	bsent			
		Analyzed by	Date						
		Checked By	Date						
G.	Analytical report No.	•							
	Material Name: Dem	ineralised Wate	er		Deminera	alised Water			
	Sampling point No.								
	Sampling point locat	ion			DM Af	fter catpol			
	Sampling Date								
	Sampling By								
	Tested res	1			T			1	
1.	Description	Specification				and odourless liquid			
		Result			Clear, colourless	and odourless liquid			
			Date						
		Checked By	Date						
2.	pН	Specification				5.0 and 8.0			
		Result			6	.396			
			Date						
		1	Date		_				
3.	Conductivity at	Specification			Not more	than 1.3 µs/cm			



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S.No.	Description of wa	ter testing details				Review Details		
	No. of Selected da	ny:	Day 1	Da	y 2	Day 3	Day 4	Day 5
	25°C	Result		1.	203			
		Analyzed by Date						
		Checked By Date						
4.	Acidity/Alkalinity	Specification		Acidity: Resulting be	Solution should not red			
				Alkalinity: Resulti not be	ng Solution should e blue			
		Result		Com	plies			
		Analyzed by Date						
		Checked By Date						
5.	Heavy metals	Specification		Not more th	nan 0.1 ppm			
		Result		Com	plies			
		Analyzed by Date						
		Checked By Date						
6.	Nitrates	Specification		Not more than 0.2 ppm				
		Result		Com	plies			
		Analyzed by Date						
		Checked By Date						
7.	Oxidisable Substances	Specification		The solution should pi	l be remains faintly nk			
		Result		Com	plies			
		Analyzed by Date						
		Checked By Date						
8.	Microbial Contami	nation						
	a) Microbial	Specification		Not more tha	nn 250 cfu/ml			
	Count	Result		7	6			
		Analyzed by Date						
		Checked By Date						
	i. Escherichia	Specification		Should be ab	sent in 100 ml			
	Coli Result A				sent			
		Analyzed by Date						
		Checked By Date						
	ii. Salmonella	Specification		Should be ab	sent in 100 ml			
		Result		Abs	sent			



QUALITY ASSURANCE DEPARTMENT

S.No.	Description of wat							Review Do	etails				
	No. of Selected da	y:	<b>→</b>	D	ay 1	Da	ny 2	Da	y 3	Da	y 4	Day 5	
	No. of Selected da	te:	<b></b>									,	
		Analyzed by	Date										
		Checked By	Date										
	iii. Psudomonas	Specification				Should be ab	sent in 100 ml						
	aeruginosa	Result				Ab	sent						
		Analyzed by	Date										
		Checked By	Date										
	iv. Staphylococcus	Specification				Should be ab	sent in 100 ml						
	aureus	Result				Ab	sent						
		Analyzed by	Date										
		Checked By	Date										
	v. Shigella	Specification				Should be ab	sent in 100 ml						
		Result				Ab	sent						
		Analyzed by	Date										
		Checked By	Date										
Н.	Analytical report No												
	Material Name: Puris	fied Water		Purific	ed Water	Purifie	d Water						
	Sampling point No.												
	Sampling point locat	ion		After Ultra Filt	ration Membrane	UV	Outlet						
	Sampling Date												
	Sampling By												
	Tested res							T		Г		Γ	
1.	Characters	Specification			ess and odourless Juid		ess and odourless uid	_	ess and odourless uid	A Clear, colourle liq	ess and odourless uid	A Clear, colourless liquid	
		Result		A Clear, colourless	and odourless liquid	A Clear, colourless	and odourless liquid						
		Analyzed by	Date										
		Checked By	Date										
2.	Conductivity	Specification		NMT 1	.3 μs/cm	NMT 1	.3 μs/cm	NMT 1	.3μs/cm	NMT 1	.3μs/cm	NMT 1.3µ	s/cm
		Result		1.	102	1.0	053		I		1		
		Analyzed by	Date										
		Checked By	Date										
3.	Total organic	Specification		NMT	500 ppb	NMT :	500 ppb	NMT 5	500 ppb	NMT 5	500 ppb	NMT 500	ppb
	carbon	Result		3	0.4	44	4.9						
		Analyzed by	Date										



QUALITY ASSURANCE DEPARTMENT

S.No.								Review D	etails				
	No. of Selected d			Day 1		D	ay 2	Da	ny 3	Da	y 4	Day	5
		Checked By	Date										
4.	pН	Specification		Between 5.0 and 7.0		Between	5.0 and 7.0	Between	5.0 and 7.0	Between	5.0 and 7.0	Between 5.0	and 7.0
		Result		6.983		6	.613						
		Analyzed by	Date										
		Checked By	Date										
5.	Nitrates	Specification		NMT 0.2 ppm		NMT	0.2 ppm	NMT	0.2 ppm	NMT	0.2 ppm	NMT 0.2	ppm
		Result		Complies		Cor	mplies						
		Analyzed by	Date										
		Checked By	Date										
6.	Heavy metals	Specification		NMT 0.1 ppm		NMT	0.1 ppm	NMT	0.1 ppm	NMT	0.1 ppm	NMT 0.1	ppm
		Result		Complies		Cor	mplies						
		Analyzed by	Date										
		Checked By	Date										
7.	Acidity and Alkalinity	Specification		Sample Solution should not coloured red on addition of 0.0. Methyl red solution R.  Sample solution should not coloured blue on addition of 0.1	5 ml of be	coloured red on of Methyl Sample soluti	ion should not be addition of 0.05 ml red solution R. ion should not be addition of 0.1 ml	coloured red of ml of Methyl Sample solution	on should not be n addition of 0.05 red solution R. on should not be on addition of 0.1	coloured red on of Methyl r Sample solution	on should not be addition of 0.05 ml ed solution R. should not be addition of 0.1 ml	Sample Solution coloured red on a ml of Methyl re Sample solution s coloured blue on a	ed solution of 0.05 ed solution R.  hould not be addition of 0.1
				Bromothymol Blue Solution	R1	of Bromothymo	ol Blue Solution R1		mol Blue Solution R1	of Bromothymol	Blue Solution R1	ml of Bromothym Solution R1	ol Blue
		Result		Complies		Cor	mplies						
		Analyzed by	Date										
		Checked By	Date										
8.	Oxidisable Substances	Specification		The solution should remain fa pink	aintly		ould remain faintly oink		uld remain faintly ink		uld remain faintly ink	The solution sh	
		Result		Complies		Cor	mplies						
		Analyzed by	Date										
		Checked By	Date										
9.	Chlorides	Specification		The solution should show no cha appearance for at least 15 min	_		uld show no change at least 15 minutes.	change in appea	should show no arance for at least inutes.	in appearance	ald show no change the for at least 15 nutes.	The solution sho change in appeara 15 min	nce for at least
		Result		Complies		Cor	mplies						
		Analyzed by	Date										
		Checked By	Date										
10.	Sulfates	Specification		The solution should show no cha appearance for at least 1 ho	_		uld show no change for at least 1 hour.		should show no rance for at least 1		or at least 1 hour.	The solution sho change in appeara	



QUALITY ASSURANCE DEPARTMENT

S.No.								Review D	etails				
	No. of Selected da	ıy:	<b>→</b>	D	ay 1	D	ay 2	Da	ny 3	Da	ay 4	Day	5
	No. of Selected da	ite:	<b>→</b>										
								ho	our.			1 hou	ir.
		Result		Con	mplies	Cor	nplies						
		Analyzed by	Date										
		Checked By	Date										
11.	Ammonium	Specification		NMT	0.2 ppm	NMT	0.2 ppm	NMT (	0.2 ppm	NMT	0.2 ppm	NMT 0.2	2 ppm
		Result		Cor	mplies	Cor	nplies		·				
		Analyzed by	Date										
		Checked By	Date										
12.	Calcium and magnesium	Specification		Apure Blue colour	r should be produced		olour should be duced		olour should be luced	_	olour should be luced	Apure Blue colo produ	
		Result		Con	mplies	Cor	nplies						
		Analyzed by	Date										
		Checked By	Date										
13.	Residue on	Specification		NMT 0	.001%m/v	NMT 0.	.001%m/v	NMT 0.0	001%m/v	NMT 0.0	001%m/v	NMT 0.00	1%m/v
	evaporation	Result		0.	0004	0.0	0002				<b>.</b>		
		Analyzed by	Date										
		Checked By	Date										
14.	Microbial Contamir	nation											
	a) Microbial	Specification		NMT 10	00 CFU/ml	NMT 10	00 CFU/ml	NMT 10	0 CFU/ml	NMT 10	0 CFU/ml	NMT 100	CFU/ml
	Count	Result			09		07						
		Analyzed by	Date										
		Checked By	Date										
	b)Test on Specified	1			Ţ							T	
	i. Escherichia Coli	Specification			be Absent		be Absent	Should	be Absent	Should	be Absent	Should be	Absent
	Con	Result	1	A	bsent	Al	osent		<b>.</b>				T
		Analyzed by	Date										
		Checked By	Date			Cl 1 3	L - A L 4	Chl.l	h - A h4	Ch14	h a A h a sa 4	ChII h -	Abaaa
	ii. Salmonella	Specification		+	be Absent		be Absent	Snould	be Absent	Snould	be Absent	Should be	Absent
		Result	<u> </u>	A	bsent	Al	osent				T		
		Analyzed by	Date										
		Checked By	Date			G1 11	ha Aba4	C1 2.1	h	CI II	ho Abassa	CL 111	A boos 4
	iii. Psudomonas aeruginosa	Specification			be Absent		be Absent	Should	be Absent	Should	be Absent	Should be	Absent
	uoruginosu	Result		A	bsent	Al	osent						



QUALITY ASSURANCE DEPARTMENT

S.No.								Review D	etails				
	No. of Selected da	y:	→	D	ay 1	Da	ay 2	Da	y 3	Da	ny 4	Day	5
	No. of Selected da	te:	<b>-</b>										
		Analyzed by	Date										
		Checked By	Date										
	iv. Staphylococcus	Specification	•	Should	be Absent	Should	be Absent	Should	be Absent	Should	be Absent	Should be	Absent
	aureus	Result		Al	osent	At	osent						
		Analyzed by	Date										
		Checked By	Date										
I.	Analytical report No	•											
	Material Name: PW			Purifie	ed Water	Purifie	ed Water						
	Sampling point No.												
	Sampling point locat	ion		Outlet to U	ltra Filtration	Retur	n Loop						
	Sampling Date												
	Sampling By												
	Tested res	sults											
1.	Characters	Specification			ess and odourless Juid	· · · · · · · · · · · · · · · · · · ·	less and odourless Juid		ess and odourless uid	· ·	ess and odourless uid	A Clear, colourless liquid	
		Result			and odourless liquid	A Clear, colourless	and odourless liquid						
		Analyzed by	Date										
		Checked By	Date										
2.	Conductivity	Specification	•	NMT	1.3µs/cm	NMT 1	1.3µs/cm	NMT 1	.3μs/cm	NMT 1	.3μs/cm	NMT 1.3	μs/cm
		Result		1.	109	1.	022						
		Analyzed by	Date										
		Checked By	Date										
3.	Total organic	Specification		NMT	500 ppb	NMT	500 ppb	NMT 5	500 ppb	NMT 5	500 ppb	NMT 500	0 ppb
	carbon	Result		3	0.4	4	4.9				<u>,                                      </u>		
		Analyzed by	Date										
		Checked By	Date										
4.	pН	Specification		Between	5.0 and 7.0	Between	5.0 and 7.0	Between 5	5.0 and 7.0	Between :	5.0 and 7.0	Between 5.0	and 7.0
		Result	,	6.	476	5.	467						_
		Analyzed by	Date										
		Checked By	Date										
5.	Nitrates	Specification		NMT	0.2 ppm	NMT	0.2 ppm	NMT 0	0.2 ppm	NMT (	).2 ppm	NMT 0.2	ppm
		Result		Cor	nplies	Cor	nplies						
		Analyzed by	Date										



S.No.	No. of Selected da							Review D	etails				
				Da	ay 1	D	ay 2	Da	ny 3	D	ay 4	Day	5
		Checked By	Date										
6.	Heavy metals	Specification	-	NMT	0.1 ppm	NMT	0.1 ppm	NMT (	).1 ppm	NMT	0.1 ppm	NMT 0.1	ppm
		Result		Con	nplies	Cor	mplies						
		Analyzed by	Date										
		Checked By	Date										
7.	Acidity and Alkalinity	Specification		coloured red on a	on should not be ddition of 0.05 ml of d solution R.	coloured red on	ion should not be addition of 0.05 ml red solution R.	coloured red or	on should not be n addition of 0.05 red solution R.	coloured red on	ion should not be addition of 0.05 ml red solution R.	Sample Solution coloured red on a ml of Methyl re	ddition of 0.05
				coloured blue on a	on should not be addition of 0.1 ml of Blue Solution R1	coloured blue or	ion should not be n addition of 0.1 ml ol Blue Solution R1	coloured blue of ml of Bromothy	on should not be on addition of 0.1 mol Blue Solution R1		should not be a addition of 0.1 ml I Blue Solution R1	Sample solution sh coloured blue on a ml of Bromothymo Solution R1	ddition of 0.1
		Result		Con	nplies	Cor	mplies						
		Analyzed by	Date										
		Checked By	Date										
8.	Oxidisable Substances	Specification			ould remain faintly ink		ould remain faintly oink		uld remain faintly nk		ould remain faintly oink	The solution should pink	•
		Result		Con	nplies	Cor	mplies						
		Analyzed by	Date										
		Checked By	Date										
9.	Chlorides	Specification			d show no change in it least 15 minutes.		uld show no change at least 15 minutes.	change in appea	should show no rance for at least inutes.	in appearanc	uld show no change re for at least 15 nutes.	The solution sho change in appeara 15 minu	nce for at least
		Result		Con	nplies	Cor	mplies						
		Analyzed by	Date										
		Checked By	Date										
10.	Sulfates	Specification			d show no change in r at least 1 hour.		uld show no change for at least 1 hour.	change in appear	should show no cance for at least 1 our.		uld show no change for at least 1 hour.	The solution sho change in appearan hour	ce for at least 1
		Result		Con	nplies	Cor	mplies						
	Analyzed by Date  Checked By Date  Ammonium Specification												
11.		NMT	0.2 ppm	NMT	0.2 ppm	NMT (	0.2 ppm	NMT	0.2 ppm	NMT 0.2	ppm		
		Result		Con	nplies	Cor	mplies						
		Analyzed by	Date										
		Checked By	Date										



S.No.							Review D	etails				
	No. of Selected da No. of Selected da	te:	<b>→</b>	Day 1	Ι	Oay 2	Da	ny 3	Da	y 4	Day	y <b>5</b>
12.	Calcium and magnesium	Specification	Apı	ure Blue colour should be produced		colour should be oduced		olour should be luced	Apure Blue co	lour should be luced	Apure Blue col	
		Result		Complies	Co	mplies						
		Analyzed by	Date									
		Checked By	Date									
3.	Residue on	Specification		NMT 0.001%m/v	NMT (	0.001%m/v	NMT 0.	001%m/v	NMT 0.0	001%m/v	NMT 0.00	01%m/v
	evaporation	Result		0.0001	0	.0001						
	Microbial Contaminati a) Microbial S Count R	Analyzed by	Date									
		Checked By	Date									
4.	Microbial Contamination  a) Microbial S Count R A C b) Test on Specified microbial	ation		·								
		Specification		NMT 100 CFU/ml	NMT 1	00 CFU/ml	NMT 10	0 CFU/ml	NMT 100	) CFU/ml	NMT 100	CFU/ml
	Count	Result		07		11						
		Analyzed by	Date									
		Checked By	Date									
	b)Test on Specified i	nicroorganism		l .			l					
-	i. Escherichia	Specification		Should be Absent	Shoule	d be Absent	Should	be Absent	Should I	be Absent	Should b	e Absent
	Coli	Result		Absent	A	bsent						
		Analyzed by	Date									
		Checked By	Date									
	ii. Salmonella	Specification		Should be Absent	Should	l be Absent	Should	be Absent	Should 1	be Absent	Should b	e Absent
		Result		Absent	A	bsent						
		Analyzed by	Date									
		Checked By	Date									
	iii. Psudomonas	Specification		Should be Absent	Should	l be Absent	Should	be Absent	Should 1	be Absent	Should b	e Absent
	aeruginosa	Result		Absent	A	bsent						
		Analyzed by	Date									
		Checked By	Date									
	iv. Staphylococcus	Specification		Should be Absent	Should	l be Absent	Should	be Absent	Should I	be Absent	Should b	e Absent
	aureus	Result		Absent	A	bsent						
		Analyzed by	Date									
		Checked By	Date									
J.	Analytical report No	).		<u>'</u>								•
	Analytical report No.  Material Name: PW			Purified Water	Purif	ied Water						



QUALITY ASSURANCE DEPARTMENT

S.No.	Description of wa					Review D	etails				
	No. of Selected da No. of Selected da	te:	Day 1	D	ay 2	Da	у 3	Da	y 4	Day	5
	Sampling point No.										
	Sampling point locat	tion	UV Inlet	Granı	ılation-5						
	Sampling Date										
	Sampling By										
	Tested re	sults									
1.	Characters	Specification	A Clear, colourless and odourless liquid	· ·	less and odourless quid	A Clear, colourle liq	ess and odourless uid	A Clear, colourle		A Clear, colourless liquio	
		Result	A Clear, colourless and odourless liquid	A Clear, colourless	s and odourless liquid						
		Analyzed by Date									
		Checked By Date									
2.	Conductivity	Specification	NMT 1.3 μs/cm	NMT :	1.3 μs/cm	NMT 1	.3 μs/cm	NMT 1.	3 μs/cm	NMT 1.3	μs/cm
		Result	1.196	1	.085						
		Analyzed by Date									
		Checked By Date									
3.	Total organic	Specification	NMT 500 ppb	NMT	500 ppb	NMT 5	500 ppb	NMT 5	00 ppb	NMT 500	) ppb
	carbon	Result	30.4	4	14.9						
		Analyzed by Date									
		Checked By Date									
4.	pН	Specification	Between 5.0 and 7.0	Between	5.0 and 7.0	Between 5	5.0 and 7.0	Between 5	.0 and 7.0	Between 5.0	and 7.0
		Result	6.375	5	.426				·		
		Analyzed by Date									
		Checked By Date									
5.	Nitrates	Specification	NMT 0.2 ppm	NMT	0.2 ppm	NMT (	0.2 ppm	NMT 0	.2 ppm	NMT 0.2	ppm
		Result	Complies	Coi	mplies						
		Analyzed by Date									
		Checked By Date									
6.	Heavy metals	Specification	NMT 0.1 ppm	NMT	0.1 ppm	NMT 0	.1 ppm	NMT 0	1 ppm	NMT 0.1	ppm
		Result	Complies	Cor	mplies						
		Analyzed by Date									
		Checked By Date									
7.	Acidity and Alkalinity	Specification	Sample Solution should not be coloured red on addition of 0.05 ml of Methyl red solution R.	coloured red on	ion should not be addition of 0.05 ml red solution R.	coloured red or	on should not be a addition of 0.05 red solution R.	Sample Solutio coloured red on a of Methyl re		Sample Solution coloured red on a ml of Methyl re	ddition of 0.05



S.No.						Review Details		
	No. of Selected No. of Selected	day: date:	<b>→</b>	Day 1	Day 2	Day 3	Day 4	Day 5
				Sample solution should not be coloured blue on addition of 0.1 ml of Bromothymol Blue Solution R1	Sample solution should not be coloured blue on addition of 0.1 ml of Bromothymol Blue Solution R1	Sample solution should not be coloured blue on addition of 0.1 ml of Bromothymol Blue Solution R1	Sample solution should not be coloured blue on addition of 0.1 ml of Bromothymol Blue Solution R1	Sample solution should not be coloured blue on addition of 0.1 ml of Bromothymol Blue Solution R1
		Result		Complies	Complies			
		Analyzed by	Date					
		Checked By	Date					
8.	Oxidisable Substances	Specification		The solution should remain faintly pink				
		Result		Complies	Complies			
		Analyzed by	Date					
		Checked By	Date					
9.	Chlorides	Specification		The solution should show no change in appearance for at least 15 minutes.	The solution should show no change in appearance for at least 15 minutes.	The solution should show no change in appearance for at least 15 minutes.	The solution should show no change in appearance for at least 15 minutes.	The solution should show no change in appearance for at least 15 minutes.
		Result		Complies	Complies			
	Sulfates	Analyzed by	Date					
		Checked By	Date					
10.		Specification		The solution should show no change in appearance for at least 1 hour.	The solution should show no change in appearance for at least 1 hour.	The solution should show no change in appearance for at least 1 hour.	The solution should show no change in appearance for at least 1 hour.	The solution should show no change in appearance for at least 1 hour.
		Result		Complies	Complies			
		Analyzed by	Date					
		Checked By	Date					
11.	Ammonium	Specification		NMT 0.2 ppm				
		Result		Complies	Complies			
		Analyzed by	Date					
		Checked By	Date					
12.	Calcium and magnesium	Specification		Apure Blue colour should be produced				
		Result	_	Complies	Complies			
		Analyzed by	Date					
		Checked By	Date					
13.	Residue on	Specification		NMT 0.001%m/v				
	evaporation	Result	1	0.0003	0.0001			
		Analyzed by	Date					



No. of Selected date:	S.No.	Description of wa						Review D	etails				
Microbial Contamilation		No. of Selected da	y:	D	ay 1	]	Day 2	Da	ny 3	Da	y 4	Day	5
Microbial   Specification   Specification   Specification   Should be Absent   Should b		No. of Selected da	te:										
Note			Checked By Date										
	14.	Microbial Contamin	ation										
Part		a) Microbial	Specification	NMT 10	00 CFU/ml	NMT 1	100 CFU/ml	NMT 100	0 CFU/ml	NMT 10	) CFU/ml	NMT 100 (	CFU/ml
		Count	Result		08		10						
Price of the properties   Specification   S			Analyzed by Date										
F. Fachechichichic			Checked By Date										
Coli		b)Test on Specified r	microorganism										
Result			Specification	Should	be Absent	Shoul	d be Absent	Should 1	be Absent	Should	be Absent	Should be	Absent
Note   Checked by   Date   Specification   Should be Absent   Shoul		Coli	Result	Al	osent	A	Absent						
Second			Analyzed by Date										
Result			Checked By Date										
Analyzed by   Date		ii. Salmonella	Specification	Should	be Absent	Shoul	d be Absent	Should	be Absent	Should	be Absent	Should be	Absent
Pandomona   Pan			Result	Al	osent	A	Absent						
File   Pandomona acroginosa   Specification   Pandomona acroginosa   Specification   Pandomona acroginosa   Pan			Analyzed by Date										
Result			Checked By Date										
Result			Specification	Should	be Absent	Shoul	d be Absent	Should	be Absent	Should	be Absent	Should be	Absent
Checked By   Date		aeruginosa	Result	Al	osent	A	Absent						
Note   Signification   Sign			Analyzed by Date										
Result			Checked By Date										
$ \begin{array}{ c c c c c c } \hline $k$ & $k$			Specification	Should	be Absent	Shoul	d be Absent	Should	be Absent	Should	be Absent	Should be	Absent
Checked By   Date		aureus	Result	Al	osent	A	Absent				<u>,                                      </u>		
Analytical report No.   Material Name: PW   Purified Water   Purified Water   Purified Water			Analyzed by Date										
Material Name: PW  Purified Water  Purified Water			Checked By Date										
Sampling point No. Sampling point location  Sampling point location  Sampling Date  Sampling By  Tested results  1. Characters  Specification  A Clear, colourless and odourless liquid	K.	Analytical report No	•										
Sampling point location UV Outlet Paste Preparation-2		Material Name: PW		Purifi	ed Water	Purif	ried Water						
Sampling Date   Sampling By   Sampling By   Tested results   Characters   Specification   A Clear, colourless and odourless   Clear, colourless   Clear,		Sampling point No.											
Sampling By   Tested results   Tested results		Sampling point locat	ion	UV	Outlet	Paste P	reparation-2						
Tested results  1. Characters Specification Specification liquid  A Clear, colourless and odourless liquid		Sampling Date											
1. Characters Specification Specification Specification A Clear, colourless and odourless liquid		Sampling By											
liquid liquid liquid liquid liquid liquid	-	Tested res	sults							T			
Result A Clear, colourless and odourless liquid A Clear, colourless and odourless liquid	1.	Characters	Specification	·		-						*	
			Result	A Clear, colourless	and odourless liquid	A Clear, colourle	ss and odourless liquid						



QUALITY ASSURANCE DEPARTMENT

S.No.							Review D	etails				
	No. of Selected of No. of Selected of			Day 1	D	ay 2	Da	ny 3	Da	y 4	Day :	5
		Analyzed by	Date									
		Checked By	Date									
2.	Conductivity	Specification	NMT	Γ 1.3μs/cm	NMT	1.3µs/cm	NMT 1	.3μs/cm	NMT 1	1.3µs/cm	NMT 1.3	μs/cm
		Result		1.182	1.	.043						
		Analyzed by	Date									
		Checked By	Date									
3.	Total organic	Specification	NM'	T 500 ppb	NMT	500 ppb	NMT S	500 ppb	NMT	500 ppb	NMT 500	0 ppb
	carbon	Result		30.4	4	4.9						
		Analyzed by	Date									
		Checked By	Date									
4.	pН	Specification	Betwee	n 5.0 and 7.0	Between	5.0 and 7.0	Between :	5.0 and 7.0	Between	5.0 and 7.0	Between 5.0	and 7.0
		Result		6.287	5	.709						
		Analyzed by	Date									
		Checked By	Date									
5.	Nitrates	Specification	NM'	T 0.2 ppm	NMT	0.2 ppm	NMT (	0.2 ppm	NMT	0.2 ppm	NMT 0.2	ppm
		Result	C	omplies	Cor	mplies						
		Analyzed by	Date									
		Checked By	Date									
6.	Heavy metals	Specification	NM'	T 0.1 ppm	NMT	0.1 ppm	NMT	0.1 ppm	NMT	0.1 ppm	NMT 0.1	ppm
		Result	C	omplies	Con	mplies						
		Analyzed by	Date									
		Checked By	Date									
7.	Acidity and Alkalinity	Specification	coloured red on	ution should not be a addition of 0.05 ml of red solution R.	coloured red on	ion should not be addition of 0.05 ml red solution R.	coloured red or	on should not be n addition of 0.05 red solution R.	coloured red on	on should not be addition of 0.05 ml ed solution R.	Sample Solution coloured red on a ml of Methyl re	ddition of 0.05
			coloured blue or	tion should not be n addition of 0.1 ml of ol Blue Solution R1	coloured blue on	ion should not be addition of 0.1 ml of Blue Solution R1	coloured blue of ml of Bromothy	on should not be on addition of 0.1 mol Blue Solution R1		should not be addition of 0.1 ml Blue Solution R1	Sample solution s coloured blue on ml of Bromothym Solution R1	addition of 0.1
		Result	C	omplies	Con	mplies						
		Date										
		Checked By	Date									
8.	Oxidisable Substances	Specification	The solution s	should remain faintly pink		ould remain faintly ink		uld remain faintly ink		uld remain faintly ink	The solution she faintly p	
		Result	C	omplies	Con	mplies						



S.No.								Review D	etails				
	No. of Selected of No. of Selected of	lay: late:	<b>→</b>	D	ay 1	D	ay 2	Da	у 3	Day	y 4	Day	5
		Analyzed by	Date			1							
		Checked By	Date										
9.	Chlorides	Specification	1		d show no change in at least 15 minutes.		ld show no change in at least 15 minutes.	change in appea	should show no arance for at least inutes.		ld show no change at least 15 minutes.	The solution sho change in appeara 15 min	nce for at least
		Result		Cor	nplies	Cor	mplies						
		Analyzed by	Date										
		Checked By	Date										
10.	Sulfates	Specification			d show no change in r at least 1 hour.		ld show no change in r at least 1 hour.	change in appear	should show no cance for at least 1 our.		ld show no change or at least 1 hour.	The solution sho change in appeara 1 hou	nce for at least
		Result		Cor	nplies	Cor	mplies						
		Analyzed by	Date										
		Checked By	Date										
11.	Ammonium	Specification		NMT	0.2 ppm	NMT	0.2 ppm	NMT (	0.2 ppm	NMT (	0.2 ppm	NMT 0.2	2 ppm
		Result		Cor	nplies	Cor	mplies						
		Analyzed by	Date										
		Checked By	Date										
12.	Calcium and magnesium	Specification		Apure Blue colour	should be produced	_	olour should be duced	=	olour should be luced		olour should be luced	Apure Blue colo produ	
		Result		Cor	nplies	Cor	mplies						
		Analyzed by	Date										
		Checked By	Date										
13.	Residue on	Specification		NMT 0.	001%m/v	NMT 0	.001%m/v	NMT 0.	001%m/v	NMT 0.0	001%m/v	NMT 0.00	1%m/v
	evaporation	Result	1	0.0	0007	0.0	0003						1
		Analyzed by	Date										
		Checked By	Date										
14.	Microbial Contam					1		T		T		T	
	a) Microbial	Specification		NMT 10	0 CFU/ml	NMT 10	00 CFU/ml	NMT 10	0 CFU/ml	NMT 100	0 CFU/ml	NMT 100 (	CFU/ml
	Count	Result	1		06		11				T		1
		Analyzed by	Date										
		Checked By	Date										
	b)Test on Specified	_				G1 11	L. Al., 4	(1) A 1	L. Al	Q1 2.3.	L. Al., (	GI 111	Albanid
	i. Escherichia	Specification		Should	be Absent	Should	be Absent	Should	be Absent	Should	be Absent	Should be	Absent



QUALITY ASSURANCE DEPARTMENT

No. of Selected date:	S.No.	Description of wa							Review De	etails				
No. of Selected late:		No. of Selected da	ny:	<b>→</b>	D	ay 1	D	ay 2	Da	ny 3	Day	y <b>4</b>	Day 5	5
Analyzed by   Date		No. of Selected da	ıte:	<b></b>										
Checked By   Date		Coli	Result		A	bsent	A	bsent						
Solution			Analyzed by	Date										
Result   Absent   A			Checked By	Date										
Analyzed by   Date		ii. Salmonella	Specification	•	Should	be Absent	Should	be Absent	Should	be Absent	Should 1	be Absent	Should be	Absent
Cliceked By   Date   Should be Absent   Should be			Result		A	bsent	A	bsent						
Fig.   Postummonus   Specification   Should be Absent   Should be Ab			Analyzed by	Date										
Result   Absent   Absent   Absent   Absent   Absent   Analyzed by   Date   Absent   Absent   Analyzed by   Date   Absent   Abse			Checked By	Date										
Result   Analyzed by   Date			Specification		Should	be Absent	Should	l be Absent	Should	be Absent	Should I	be Absent	Should be	Absent
Checked By   Date   Chec		aeruginosa	Result		A	bsent	A	bsent						
iv. Siaphylococcus acreus    Result			Analyzed by	Date										
Analyzed by   Date   Analyzed by   Date   Checked By   Checked By   Date   Checked B			Checked By	Date										
Result   Ansert   A			Specification		Should	be Absent	Should	l be Absent	Should	be Absent	Should I	be Absent	Should be	Absent
Checked By   Date		aureus	Result		A	bsent	A	bsent						
Analytical report No.   Material Name: PW   Purified Water   Purified Wa			Analyzed by	Date										
Material Name: PW			Checked By	Date										
Sampling point No. Sampling point location Sampling Date Sampling By  Tested results  1. Characters Result A Clear, colourless and odourless liquid A Clear, col	L.	Analytical report No	).											
Sampling point location   Return Loop   Paste Preparation-4   Sampling Date   Sampling By   Fested results   Sampling By   Fested results   Specification   A Clear, colourless and odourless liquid   A Clear, colourless and odourless   A		Material Name: PW			Purifi	ed Water	Purifi	ed Water						
Sampling Date   Sampling By   Sampling By   Tested results   Specification   A Clear, colourless and odourless liquid   A Clear, colourless and odourless   A Clear, colourless   A		Sampling point No.												
Sampling By   Tested results   Tested results   Specification   A Clear, colourless and odourless liquid   A Clear, colourless and odourless   A Clear, colourless   A Cle		Sampling point loca	tion		Retu	rn Loop	Paste Pr	eparation-4						
Tested results   Specification   A Clear, colourless and odourless   Iquid   Result   A Clear, colourless and odourless   Iquid   I		Sampling Date												
Characters   Specification   A Clear, colourless and odourless   Iquid   A Clear, colourless   Iqui		Sampling By												
Result		Tested re	sults											
Analyzed by   Date	1.	Characters	Specification		*		-		*		-		-	
Checked By Date  Checked By Date  Checked By Date  NMT 1.3 μs/cm			Result		A Clear, colourles	s and odourless liquid	A Clear, colourles	s and odourless liquid	· ·		· ·			
2.         Conductivity         Specification         NMT 1.3 μs/cm         NMT 1.3 μs/cm         NMT 1.3 μs/cm         NMT 1.3 μs/cm           Result         1.119         1.080         1.0			Analyzed by	Date										
Result         1.119         1.080           Analyzed by         Date			Checked By	Date										
Analyzed by Date Date	2.	Conductivity	Specification		NMT	1.3 μs/cm	NMT	1.3 μs/cm	NMT 1	.3 μs/cm	NMT 1.	3 μs/cm	NMT 1.3	μs/cm
			Result		1	.119	1	.080						
Checked By Date			Analyzed by	Date										
			Checked By	Date										
3. Total organic Specification NMT 500 ppb NMT 500 ppb NMT 500 ppb NMT 500 ppb	3.	Total organic	Specification		NMT	500 ppb	NMT	500 ppb	NMT :	500 ppb	NMT 5	500 ppb	NMT 500	) ppb



QUALITY ASSURANCE DEPARTMENT

S.No.							Review D	etails				
	No. of Selected of			Day 1	D	Pay 2	Da	лу 3	Da	y 4	Day 5	5
	carbon	Result		30.4	4	44.9						
		Analyzed by	Date									
		Checked By	Date									
4.	pН	Specification	•	Between 5.0 and 7.0	Between	5.0 and 7.0	Between	5.0 and 7.0	Between	5.0 and 7.0	Between 5.0	and 7.0
		Result		5.775	6	5.090						
		Analyzed by	Date									
		Checked By	Date									
5.	Nitrates	Specification		NMT 0.2 ppm	NMT	0.2 ppm	NMT	0.2 ppm	NMT	0.2 ppm	NMT 0.2	ppm
		Result		Complies	Со	mplies						
		Analyzed by	Date									
		Checked By	Date									
6.	Heavy metals	Specification		NMT 0.1 ppm	NMT 0.1 ppm		NMT	0.1 ppm	NMT	0.1 ppm	NMT 0.1	ppm
		Result		Complies	Со	mplies						
		Analyzed by	Date									
	A aidity and	Checked By Date										
7.	Acidity and Alkalinity	Specification		Sample Solution should not be coloured red on addition of 0.05 ml of Methyl red solution R.  Sample solution should not be coloured blue on addition of 0.1 ml of Bromothymol Blue Solution R1	coloured red or of Methyl Sample solut coloured blue on	tion should not be addition of 0.05 ml red solution R. ion should not be addition of 0.1 ml of l Blue Solution R1	coloured red of ml of Methyl Sample solution coloured blue of ml of Bromothy	on should not be n addition of 0.05 red solution R. on should not be on addition of 0.1 rmol Blue Solution	coloured red on of Methyl i Sample solution	addition of 0.1 ml	Sample Solution coloured red on a ml of Methyl re Sample solution s coloured blue on a ml of Bromothym	ddition of 0.05 d solution R. hould not be addition of 0.1
		Result		Complies	Co	mplies		<u>R1</u>			Solution R1	
		Analyzed by	Date	Compiles		Implies						
		Checked By	Date									
8.	Oxidisable Substances	Specification Specification	Dute	The solution should remain faintly pink		 ould remain faintly pink		uld remain faintly ink		uld remain faintly ink	The solution she	
		Result		Complies	Со	mplies						
		Analyzed by	Date									
		Checked By	Date									
9.	Chlorides	Specification		The solution should show no change in appearance for at least 15 minutes.		uld show no change r at least 15 minutes.	change in appea	should show no rance for at least inutes.		at least 15 minutes.	The solution sho change in appeara 15 minu	nce for at least
		Result		Complies	Со	mplies						
		Analyzed by	Date									
		Checked By	Date									



QUALITY ASSURANCE DEPARTMENT

S.No.	Description of water testing details				Review Details									
	No. of Selected da			D	ay 1	]	Day 2	Da	ny 3	Da	y 4	Day :	5	
10.	Sulfates	Specification			d show no change in r at least 1 hour.		ould show no change for at least 1 hour.	change in appear	should show no rance for at least 1 our.		ld show no change or at least 1 hour.	The solution sho change in appeara 1 hou	nce for at least	
		Result		Cor	nplies	Co	omplies							
		Analyzed by	Date											
		Checked By	Date											
11.	Ammonium	Specification		NMT	0.2 ppm	NM'	Г 0.2 ррт	NMT	0.2 ppm	NMT (	0.2 ppm	NMT 0.2	ppm	
		Result		Cor	nplies	Co	omplies							
		Analyzed by	Date											
		Checked By	Date											
12.	Calcium and magnesium	Specification		_	olour should be duced	_	colour should be roduced	-	olour should be duced	_	olour should be luced	Apure Blue colo produc		
		Result		Complies		Co	omplies							
		Analyzed by	Date											
		Checked By	Date											
13.	Residue on	Specification		NMT 0	.001%m/v	NMT	0.001%m/v	NMT 0.	001%m/v	NMT 0.0	001%m/v	NMT 0.00	1%m/v	
	evaporation	Result	_	0.	0001	(	).0005							
		Analyzed by	Date											
		Checked By	Date											
14.	Microbial Contamir	ation								1				
	a) Microbial	Specification		NMT 10	00 CFU/ml	NMT 1	100 CFU/ml	NMT 100 CFU/ml		NMT 10	0 CFU/ml	NMT 100 (	CFU/ml	
	Count	Result	1		10		12						1	
		Analyzed by	Date											
		Checked By	Date											
	b)Test on Specified i	microorganism				T		T		1				
	i. Escherichia Coli	Specification		Should	be Absent	Shoul	d be Absent	Should	be Absent	Should	be Absent	Should be	Absent	
	Con	Result		Al	osent	F	Absent		1		1		T	
		Analyzed by	Date											
		Checked By	Date											
	ii. Salmonella	Specification		Should	be Absent	Shoul	d be Absent	Should	be Absent	Should	be Absent	Should be	Absent	
		Result		Al	osent	F	Absent		1		T			
		Analyzed by	Date											
		Checked By	Date									~		
	iii. Psudomonas	Specification		Should	be Absent	Shoul	d be Absent	Should	be Absent	Should	be Absent	Should be	Absent	



QUALITY ASSURANCE DEPARTMENT

S.No.	S.No. Description of water testing details No. of Selected day:							Review Do	etails				
	No. of Selected da	y:	<b>→</b>	Da	ay 1	Da	ay 2	Da	y 3	Day	y <b>4</b>	Day 5	5
	No. of Selected da	te:	<b>→</b>										
	aeruginosa	Result		Al	esent	At	osent						
		Analyzed by	Date										
		Checked By	Date										
	iv. Staphylococcus	Specification		Should	be Absent	Should	be Absent	Should 1	be Absent	Should l	be Absent	Should be	Absent
	aureus	Result		At	sent	At	osent						
		Analyzed by	Date										
		Checked By	Date										
<b>M.</b>	Analytical report No	•											
	Material Name: PW			Purifie	ed Water	Purifie	ed Water						
	Sampling point No.												
	Sampling point locat	ion		Coa	ting-3	Janito	or Room						
	Sampling Date												
	Sampling By												
	Tested res	sults										<u>,                                      </u>	
1.	Characters	Specification		A Clear, colourless and odourless		A Clear, colourless and odourless liquid		-	ess and odourless	A Clear, colourle		A Clear, colourless	
					<u>ruid</u>	110		liq	uia 	liquid		liquio	1
		Result	T	A Clear, colourless	and odourless liquid	A Clear, colourless	and odourless liquid		T		I		
		Analyzed by	Date										
		Checked By	Date										
2.	Conductivity	Specification		NMT 1	1.3µs/cm	NMT 1	1.3µs/cm	NMT 1	.3μs/cm	NMT 1	.3μs/cm	NMT 1.3 <sub>1</sub>	ıs/cm
		Result		1.	172	1.	020		Γ				
		Analyzed by	Date										
		Checked By	Date										
3.	Total organic carbon	Specification		NMT	500 ppb	NMT	500 ppb	NMT 5	500 ppb	NMT 5	500 ppb	NMT 500	ppb
	Carbon	Result	T	3	0.4	4	4.9						
		Analyzed by	Date										
		Checked By	Date										
4.	pН	Specification		Between	5.0 and 7.0	Between	5.0 and 7.0	Between 5	5.0 and 7.0	Between 5	5.0 and 7.0	Between 5.0	and 7.0
		Result		5.	900	6.	144		T		1		
		Analyzed by	Date										
		Checked By	Date										
5.	Nitrates	Specification		NMT	0.2 ppm	NMT	0.2 ppm	NMT (	0.2 ppm	NMT 0	0.2 ppm	NMT 0.2	ppm
		Result		Con	nplies	Cor	nplies						



QUALITY ASSURANCE DEPARTMENT

S.No.		vater testing det				Review Details		
	No. of Selected No. of Selected	day: date:		Day 1	Day 2	Day 3	Day 4	Day 5
		Analyzed by	Date					
		Checked By	Date					
6.	Heavy metals	Specification	•	NMT 0.1 ppm	NMT 0.1 ppm	NMT 0.1 ppm	NMT 0.1 ppm	NMT 0.1 ppm
		Result		Complies	Complies			
		Analyzed by	Date					
		Checked By	Date					
7.	Acidity and Alkalinity	Specification		Sample Solution should not be coloured red on addition of 0.05 Methyl red solution R.  Sample solution should not be coloured blue on addition of 0.1 and Bromothymol Blue Solution F.	of Methyl red solution of 0.05 ml of Methyl red solution R.  Sample solution should not be coloured blue on addition of 0.1 ml of the coloured blue on addition of 0.1 ml or the coloured blue on addition of 0.1 ml or the coloured blue on addition of 0.1 ml or the coloured blue on addition of 0.1 ml or the coloured blue on addition of 0.1 ml or the coloured blue on addition of 0.05 ml or the coloured blue on addition of 0.05 ml or the coloured blue on addition of 0.05 ml or the coloured blue on addition of 0.05 ml or the coloured blue on addition of 0.05 ml or the coloured blue on addition of 0.05 ml or the coloured blue on addition of 0.05 ml or the coloured blue on addition of 0.05 ml or the coloured blue on addition of 0.1 ml or the coloured blu	Sample Solution should not be coloured red on addition of 0.05 ml of Methyl red solution R.  Sample solution should not be coloured blue on addition of 0.1 ml of Bromothymol Blue Solution R1	Sample Solution should not be coloured red on addition of 0.05 ml of Methyl red solution R.  Sample solution should not be coloured blue on addition of 0.1 ml of Bromothymol Blue Solution R1	Sample Solution should not be coloured red on addition of 0.05 ml of Methyl red solution R.  Sample solution should not be coloured blue on addition of 0.1 ml of Bromothymol Blue Solution R1
		Result		Complies	Complies	- KI		Solution XI
		Analyzed by	Date					
		Checked By	Date					
8.	Oxidisable Substances	Specification	1	The solution should remain fai pink	The solution should remain faintly pink	The solution should remain faintly pink	The solution should remain faintly pink	The solution should remain faintly pink
		Result		Complies	Complies			
		Analyzed by	Date					
		Checked By	Date					
9.	Chlorides	Specification		The solution should show no char appearance for at least 15 minu	ge in The solution should show no change in appearance for at least 15 minutes.	The solution should show no change in appearance for at least 15 minutes.	The solution should show no change in appearance for at least 15 minutes.	The solution should show no change in appearance for at least 15 minutes.
		Result		Complies	Complies			
		Analyzed by	Date					
		Checked By	Date					
10.	Sulfates	Specification		The solution should show no char appearance for at least 1 hou	ge in The solution should show no change in appearance for at least 1 hour.	The solution should show no change in appearance for at least 1 hour.	The solution should show no change in appearance for at least 1 hour.	The solution should show no change in appearance for at least 1 hour.
		Result		Complies	Complies			
		Analyzed by	Date					
		Checked By	Date					
11.	Ammonium	Specification		NMT 0.2 ppm	NMT 0.2 ppm	NMT 0.2 ppm	NMT 0.2 ppm	NMT 0.2 ppm
		Result		Complies	Complies			
		Analyzed by	Date					



QUALITY ASSURANCE DEPARTMENT

.No.	Description of wa					<b>Review Details</b>		
	No. of Selected da			Day 1	Day 2	Day 3	Day 4	Day 5
		Checked By	Date					
2.	Calcium and magnesium	Specification		Apure Blue colour should be produced				
		Result		Complies	Complies			
		Analyzed by	Date					
		Checked By	Date					
3.	Residue on	Specification		NMT 0.001%m/v				
	evaporation	Result		0.0002	0.0004			
		Analyzed by	Date					
		Checked By	Date					
4.	Microbial Contami	nation			·			·
	a) Microbial	Specification		NMT 100 CFU/ml				
	Count	Count Result 09		09	11			
		Analyzed by	Date					
		Checked By	Date					
	b)Test on Specified	microorganism						·
	i. Escherichia	Specification		Should be Absent				
	Coli	Result		Absent	Absent			
		Analyzed by	Date					
		Checked By	Date					
	ii. Salmonella	Specification		Should be Absent				
		Result		Absent	Absent			
		Analyzed by	Date					
		Checked By	Date					
	iii. Psudomonas	Specification		Should be Absent				
	aeruginosa	Result		Absent	Absent			
		Analyzed by	Date					
		Checked By	Date					
	iv. Staphylococcus	Specification		Should be Absent				
	aureus	Result		Absent	Absent			
		Analyzed by	Date					
		Checked By	Date					
[.	Analytical report No	).		·	NA	,	'	



QUALITY ASSURANCE DEPARTMENT

S.No.							Review Do	etails				
	No. of Selected da			Day 1	D	Day 2	Da	у 3	Da	y 4	Day	5
	Material Name: PW	7		Purified Water		NA						
	Sampling point No.					NA						
	Sampling point loca	ntion		Coating-2		NA						
	Sampling Date					NA						
	Sampling By			r		NA						
	Tested re	esults										
1.	Characters	Specification		A Clear, colourless and odourless liquid		rless and odourless iquid	A Clear, colourle		A Clear, colourle		A Clear, colourless liqui	
		Result		A Clear, colourless and odourless liquid		NA						
		Analyzed by	Date		NA	NA						
		Checked By	Date		NA	NA						
2.	Conductivity	Specification		NMT 1.3µs/cm	NMT	1.3μs/cm	NMT 1	.3μs/cm	NMT 1.	3μs/cm	NMT 1.3	μs/cm
		Result		1.002		NA						
		Analyzed by	Date		NA	NA						
		Checked By	Date		NA	NA						
3.	Total organic	Specification		NMT 500 ppb	NMT	500 ppb	NMT 5	500 ppb	NMT 5	00 ppb	NMT 500	0 ppb
	carbon	Result		30.4		NA						
		Analyzed by	Date		NA	NA						
		Checked By	Date		NA	NA						
4.	pН	Specification		Between 5.0 and 7.0	Between	5.0 and 7.0	Between 5	5.0 and 7.0	Between 5	.0 and 7.0	Between 5.0	and 7.0
		Result		5.911		NA						
		Analyzed by	Date		NA	NA						
		Checked By	Date		NA	NA						
5.	Nitrates	Specification		NMT 0.2 ppm	NMT	0.2 ppm	NMT 0	).2 ppm	NMT 0	.2 ppm	NMT 0.2	ppm
		Result	1	Complies		NA						
		Analyzed by	Date		NA							
		Checked By	Date		NA							
6.	Heavy metals	Specification		NMT 0.1 ppm	NMT	0.1 ppm	NMT 0	).1 ppm	NMT 0	.1 ppm	NMT 0.1	ppm
		Result	1	Complies		NA						
		Analyzed by	Date		NA	NA						
		Checked By	Date		NA	NA						
7.	Acidity and Alkalinity			addition of 0.05 ml								



QUALITY ASSURANCE DEPARTMENT

S.No.								Review Do	etails				
	No. of Selected No. of Selected	day: date:	<b>→</b>	Day 1			Day 2	Da	у 3	D	ay 4	Day	5
				Sample solution sho coloured blue on additi Bromothymol Blue S	on of 0.1 ml of	coloured b	e solution should not be lue on addition of 0.1 ml of hymol Blue Solution R1	coloured blue of ml of Bromothy	on should not be on addition of 0.1 mol Blue Solution R1		should not be addition of 0.1 ml Blue Solution R1	Sample solution sh coloured blue on a ml of Bromothymo R1	ddition of 0.1
		Result		Complies			NA						
		Analyzed by	Date			NA	NA						
		Checked By	Date			NA	NA						
8.	Oxidisable Substances	Specification		The solution should r pink	emain faintly	The soluti	on should remain faintly pink		ıld remain faintly nk		uld remain faintly ink	The solution should pink	•
		Result		Complies			NA						
		Analyzed by	Date				NA						
		Checked By	Date				NA						
9.	Chlorides	Specification  The solution should show no chappearance for at least 15 min		U			The solution should show no change in appearance for at least 15 minutes.		The solution should show no change in appearance for at least 15 minutes.		The solution sho change in appeara 15 minu	nce for at least	
		Result		Complies			NA						
		Analyzed by	Date			NA	NA						
		Checked By	Date			NA	NA						
10.	Sulfates	Specification		The solution should sho appearance for at le	_		n should show no change in ance for at least 1 hour.	change in appear	hould show no ance for at least 1 ur.		or at least 1 hour.	The solution sho change in appearan hour	nce for at least 1
		Result		Complies			NA						
		Analyzed by	Date			NA	NA						
		Checked By	Date			NA	NA						
11.	Ammonium	Specification	I	NMT 0.2 pp	om		NMT 0.2 ppm	NMT (	0.2 ppm	NMT	0.2 ppm	NMT 0.2	2 ppm
		Result		Complies			NA						
		Analyzed by	Date			NA	NA						
		Checked By	Date			NA	NA						
12.	Calcium and magnesium	Specification		A pure Blue colour produced		A pure	Blue colour should be produced	_	olour should be luced		olour should be luced	A pure Blue colo produc	
		Result		Complies			NA						
		Analyzed by	Date			NA	NA						
		Checked By	Date			NA	NA						
13.	Residue on	Specification	•	NMT 0.001 %	m/v	N	MT 0.001 % m/v	NMT 0.0	01 % m/v	NMT 0.0	001 % m/v	NMT 0.001	% m/v
	evaporation	Result		0.0002			NA						
		Analyzed by	Date			NA	NA						



S.No.	Description of war						Review D	etails				
	No. of Selected da		D	ay 1	D	Day 2	Da	ny 3	Da	y 4	Day	5
	No. of Selected da	te:										
		Checked By Date			NA	NA						
14.	Microbial Contamin	ation							1			
•	a) Microbial	Specification	NMT 10	00 CFU/ml	NMT 1	00 CFU/ml	NMT 100	0 CFU/ml	NMT 100	CFU/ml	NMT 100	CFU/ml
	Count	Result		08		NA						
		Analyzed by Date			NA	NA						
		Checked By Date			NA	NA						
	b)Test on Specified r	nicroorganism										
	i. Escherichia	Specification	Should	be Absent	Should	l be Absent	Should	be Absent	Should l	oe Absent	Should be	e Absent
	Coli	Result	Al	bsent		NA	At	osent	Ab	sent	Abso	ent
		Analyzed by Date			NA	NA						
		Checked By Date			NA	NA						
	ii. Salmonella	Specification		be Absent		l be Absent		be Absent		be Absent	Should be	
		Result		bsent	NA		NA		Ab	sent	Abse	ent
		Analyzed by Date	NA	NA	NA	NA						
		Checked By Date	NA	NA	NA	NA						
	iii. Psudomonas	Specification		be Absent		l be Absent		be Absent		be Absent	Should be	
	aeruginosa	Result	A	bsent		NA	At	osent	Ab	sent	Abse	ent
		Analyzed by Date			NA	NA						
		Checked By Date			NA	NA	G. III		a. III		G. III	
	iv. Staphylococcus aureus	Specification		be Absent	Should	l be Absent		be Absent		be Absent	Should be	
	aureus	Result	A	bsent	374	NA	Ab	osent	Ab	sent	Abso	ent
		Analyzed by Date			NA	NA	_					
		Checked By Date			NA	NA						
О.	Analytical report No				NA NA							
	Material Name: PW		Purifi	ed Water	NA NA							
	Sampling point No.				NA NA							
	Sampling point locat	ion	Coating Suspension	on Preparation Room	NA NA							
	Sampling Date				NA NA							
	Sampling By	T.			IVA							
1	Tested res	T	A CI	lean and 1 1	A CI	J	A CI		A CIL.		A Class	
1.	Characters	Specification	·	less and odourless quid		rless and odourless quid	-	ess and odourless uid	A Clear, colourle	ess and odourless uid	A Clear, colourles	
		Result		s and odourless liquid		NA						
		<u> </u>	1 , , , , , , , , , , , , , , , , , , ,		1		L		l		1	



QUALITY ASSURANCE DEPARTMENT

S.No	Description of v	water testing deta	ails				Review D	etails				
		day: date:		Day 1	Г	Day 2	Da	ay 3	Da	ny 4	Day	5
	1	Analyzed by	Date		NA	NA						
		Checked By	Date		NA	NA						
2.	Conductivity	Specification Specification		 [Τ 1.3 μs/cm	NMT	1.3 μs/cm	NMT 1	.3 μs/cm	NMT 1.	.3 us/cm	NMT 1.3	us/cm
		Result	2 12.12	1.079		NA NA	1,1,1,2		1,1,12		1 11122 216	<b></b>
		Analyzed by	Date		NA	NA						
		Checked By	Date		NA	NA						
3.	Total organic	Specification	NN	/IT 500 ppb	NMT	500 ppb	NMT :	 500 ppb	NMT 5	500 ppb	NMT 500	) ppb
	carbon	Result		30.4		NA						
		Analyzed by	Date		NA	NA						
		Checked By	Date		NA	NA						
4.	рН	Specification	Betwe	een 5.0 and 7.0	Betweer	n 5.0 and 7.0	Between	5.0 and 7.0	Between 5	5.0 and 7.0	Between 5.0	and 7.0
		Result		5.638		NA						
		Analyzed by	Date		NA	NA						
		Checked By	Date		NA	NA						
5.	Nitrates	-		<b>AT 0.2 ppm</b>	NMT	C 0.2 ppm	NMT	0.2 ppm	NMT 0	0.2 ppm	NMT 0.2	ppm
		Result		Complies		NA						
		Analyzed by	Date		NA							
		Checked By	Date		NA							
6.	Heavy metals	Specification	NN	<b>IT 0.1 ppm</b>	NMT	C 0.1 ppm	NMT	0.1 ppm	NMT 0	.1 ppm	NMT 0.1	ppm
		Result		Complies		NA				·		
		Analyzed by	Date		NA	NA						
		Checked By	Date		NA	NA						
7.	Acidity and Alkalinity	Specification	coloured red o	lution should not be on addition of 0.05 ml of l red solution R.	coloured red or	tion should not be n addition of 0.05 ml red solution R.	coloured red o	on should not be n addition of 0.05 red solution R.	coloured red on a	on should not be addition of 0.05 ml ed solution R.	Sample Solution coloured red on a ml of Methyl re	ddition of 0.05
			coloured blue	ution should not be on addition of 0.1 ml of nol Blue Solution R1	coloured blue or	tion should not be n addition of 0.1 ml of ll Blue Solution R1	coloured blue on ml of Bromothy	on should not be on addition of 0.1 mol Blue Solution R1	Sample solution s coloured blue on of Bromothymol	addition of 0.1 ml	Sample solution sh coloured blue on a ml of Bromothymo R1	ddition of 0.1
		Result		Complies		NA						
		Analyzed by	Date		NA	NA						
		Checked By	Date		NA	NA						
8.	Oxidisable Substances	Specification	The solution	should remain faintly pink		ould remain faintly pink		uld remain faintly ink	The solution shou		The solution should pink	<del>_</del>
		Result		Complies		NA						



S.No.							Review Details		
	No. of Selected da No. of Selected da			Day 1	D	ay 2	Day 3	Day 4	Day 5
		Analyzed by	Date		NA				
		Checked By	Date		NA				
9.	Chlorides	Specification	1	The solution should show no change in appearance for at least 15 minutes.		ld show no change in at least 15 minutes.	The solution should show no change in appearance for at least 15 minutes.	The solution should show no chang in appearance for at least 15 minutes.	The solution should show no change in appearance for at least 15 minutes.
		Result		Complies		NA			
		Analyzed by	Date		NA	NA			
		Checked By	Date		NA	NA			
10.	Sulfates	Specification	_	The solution should show no change in appearance for at least 1 hour.		ld show no change in or at least 1 hour.	The solution should show no change in appearance for at least hour.	The solution should show no chang in appearance for at least 1 hour.	· I
		Result		Complies		NA			
		Analyzed by	Date		NA	NA			
		Checked By	Date		NA	NA			
11.	Ammonium	Specification		NMT 0.2 ppm	NMT	0.2 ppm	NMT 0.2 ppm	NMT 0.2 ppm	NMT 0.2 ppm
		Result		Complies		NA			
		Analyzed by	Date		NA	NA			
		Checked By	Date		NA	NA			
12.	Calcium and magnesium	Specification		A pure Blue colour should be produced		colour should be oduced	Apure Blue colour should be produced	Apure Blue colour should be produced	Apure Blue colour should be produced
		Result		Complies		NA			
		Analyzed by	Date		NA	NA			
		Checked By	Date		NA	NA			
13.	Residue on	Specification		NMT 0.001%m/v	NMT 0	.001%m/v	NMT 0.001%m/v	NMT 0.001%m/v	NMT 0.001%m/v
	evaporation	Result		0.0003		NA			
		Analyzed by	Date		NA	NA			
		Checked By	Date		NA	NA			
14.	Microbial Contami	nation							
	a) Microbial	Specification		NMT 100 CFU/ml	NMT 10	00 CFU/ml	NMT 100 CFU/ml	NMT 100 CFU/ml	NMT 100 CFU/ml
	Count	Result		09		NA			
		Analyzed by	Date		NA	NA			
		Checked By	Date		NA	NA			
	b)Test on Specified	microorganism							
	i. Escherichia	Specification		Should be Absent	Should	l be Absent	Should be Absent	Should be Absent	Should be Absent





#### **Water Trend Verification**

Description of wa	ter testing deta	ails				<b>Review Details</b>	S				
No. of Selected da	te:	<b>→</b>	Day 1		Day 2	Day 3		Da	ny 4	Day	y <b>5</b>
Coli	Result		Absent		NA						
	Analyzed by	Date		NA	NA						
	Checked By	Date		NA	NA						
ii. Salmonella	Specification		Should be Absent	S	Should be Absent	Should be Al	bsent	Should	be Absent	Should be	e Absent
	Result		Absent		NA						
	Analyzed by	Date		NA	NA						
	Checked By	Date		NA	NA						
iii. Psudomonas	Specification	<b>'</b>	Should be Absent	S	Should be Absent	Should be Al	bsent	Should be Absent		Should be	e Absent
aeruginosa	Result		Absent		NA						
	Analyzed by	Date		NA	NA						
	Checked By	Date		NA	NA						
iv. Staphylococcus	Specification		Should be Absent	S	Should be Absent	Should be Al	bsent	Should	be Absent	Should be	e Absent
aureus	Result		Absent		NA						
	Analyzed by	Date		NA	NA						
	Checked By	Date		NA	NA						

Review of Attendance data of the person signing the Specific record:

Particular involved in activity	Day 1	Day 2	Day 3	Day 4	Day 5
	Present	Present	Present	Present	Present
	Present	Present	Present	Present	Present
	Present	Present	Present	Present	Present
	Present	Present	Present	Present	Present

Review of the training records of the persons involved in particular activity.

TOPIC	Document no.	Name	Name	Name	Name
Preparation, evaluation, storage, use and disposal of cultural media		Trained	Trained	Trained	Trained
Operation, cleaning and performance of horizontal laminar air flow bench		Trained	Trained	Trained	Trained
Preparation, storage and use of standardized stable suspensions of test strains of micro-organisms.		Trained	Trained	Trained	Trained
Indenting, Receipt And Approval of dehydrated culture media		Trained	Trained	Trained	Trained
Operation & cleaning of vertical steam sterilizer used for media sterilization in microbiology section.		Trained	Trained	Trained	Trained
Operation, monitoring and cleaning of bacteriological incubators.		Trained	Trained	Trained	Trained
Operation and calibration of PH meter		Trained	Trained	Trained	Trained
Operation, Cleaning, Verification and Calibration of Analytical Weighing Balance.		Trained	Trained	Trained	Trained



		Water Trend Verification
3.0 Do	cumentation of any discrepancies identified during	verification along with action taken:
3.1	Details of discrepancy identified	
Quality A	Assurance	Quality Control
(Signature/Date):		(Signature/Date):
3.2	Impact assessment	
Quality A	Assurance(Signature/Date):	
3.3	Corrective Action taken	
Date of c	completion of actions outlined:	
Quality Assurance		Quality Control
(Signatu	re/Date):	(Signature/Date):
4.0		
4.0	<b>Evaluation and Conclusion:</b>	
Ouality /	Assurance	Quality Control
		(Signature/Date):
		(~-8