



**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 No. of Selected day: _____ No. of Selected date: _____		Review Details					
			Day 1	Day 2	Day 3	Day 4	Day 5	
<b>No. of Sampling point</b>			<b>10</b>	<b>11</b>	<b>11</b>			
<b>Specification No.</b>								
<b>Sampling Quantity</b>			<b>1000 ml</b>	<b>1000 ml</b>	<b>1000 ml</b>			
<b>A.</b>	<b>Analytical report No.</b>							
	<b>Material Name</b>		<b>Raw Water</b>	<b>Raw Water</b>	<b>Raw Water</b>			
	<b>Sampling point No.</b>							
	<b>Sampling point location</b>		<b>Bore well outlet-I</b>	<b>Bore well outlet-I</b>	<b>Bore well outlet-I</b>			
	<b>Sampling Date</b>							
	<b>Sampling By</b>							
<b>Tested results</b>								
1.	Description	Specification	<b>Clear, colourless and odourless liquid</b>	<b>Clear, colourless and odourless liquid</b>	<b>Clear, colourless and odourless liquid</b>	<b>Clear, colourless and odourless liquid</b>	<b>Clear, colourless and odourless liquid</b>	
		Result	Clear, colourless and odourless liquid	Clear, colourless and odourless liquid	Clear, colourless and odourless liquid			
		Analyzed by	Date					
		Checked By	Date					
2.	pH	Specification	<b>Between 5.0 and 8.0</b>	<b>Between 5.0 and 8.0</b>	<b>Between 5.0 and 8.0</b>	<b>Between 5.0 and 8.0</b>	<b>Between 5.0 and 8.0</b>	
		Result	7.392					
		Analyzed by	Date					
		Checked By	Date					
3.	Total Hardness	Specification	<b>NMT 200 ppm</b>	<b>NMT 200 ppm</b>	<b>NMT 200 ppm</b>	<b>NMT 200 ppm</b>	<b>NMT 200 ppm</b>	
		Result	137 ppm					
		Analyzed by	Date					
		Checked By	Date					
4.	Heavy metals	Specification	<b>NMT 1 ppm</b>	<b>NMT 1 ppm</b>	<b>NMT 1 ppm</b>	<b>NMT 1 ppm</b>	<b>NMT 1 ppm</b>	
		Result	Complies					
		Analyzed by	Date					
		Checked By	Date					
5.	Nitrate	Specification	<b>NMT 45 ppm</b>	<b>NMT 45 ppm</b>	<b>NMT 45 ppm</b>	<b>NMT 45 ppm</b>	<b>NMT 45 ppm</b>	
		Result	22.0 ppm					
		Analyzed by	Date					
		Checked By	Date					



**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ → No. of Selected date: _____ →			Review Details										
				Day 1		Day 2		Day 3		Day 4		Day 5		
6.	Residual free Chlorine (Borewell/other than Borewell)	Specification		Absent (Borewell)		Absent (Borewell)		Absent (Borewell)		Absent (Borewell)		Absent (Borewell)		
		Result		Absent										
		Analyzed by	Date											
		Checked By	Date											
7.	Total Dissolved Solids	Specification		NMT 500 ppm		NMT 500 ppm		NMT 500 ppm		NMT 500 ppm		NMT 500 ppm		
		Result		95.83 ppm										
		Analyzed by	Date											
		Checked By	Date											
8.	<b>Microbial Contamination</b>													
	a. Microbial Count	Specification		NMT 500 CFU/ml		NMT 500 CFU/ml		NMT 500 CFU/ml		NMT 500 CFU/ml		NMT 500 CFU/ml		
		Result		208 CFUs/ml										
		Analyzed by	Date											
		Checked By	Date											
	b. Test on Specified microorganism													
	i. Escherichia Coli	Specification		Should be Absent 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		Absent										
		Analyzed by	Date											
		Checked By	Date											
	ii. Salmonella	Specification		Should be Absent 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		Absent										
		Analyzed by	Date											
		Checked By	Date											
	iii. Pseudomonas aeruginosa	Specification		Should be Absent 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		Absent										
		Analyzed by	Date											
		Checked By	Date											
	iv. Staphylococcus aureus	Specification		Should be Absent 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		Absent										
		Analyzed by	Date											
		Checked By	Date											
	v. Shigella	Specification		Should be Absent 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		Absent												





**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ No. of Selected date: _____		Review Details										
			Day 1		Day 2		Day 3		Day 4		Day 5		
	Checked By	Date											
6.	Residual free Chlorine (Borewell/other than Borewell)	Specification		Absent (Borewell)		Absent (Borewell)		Absent (Borewell)		Absent (Borewell)		Absent (Borewell)	
		Result		Absent		Absent							
		Analyzed by	Date										
		Checked By	Date										
7.	Total Dissolved Solids	Specification		NMT 500 ppm		NMT 500 ppm		NMT 500 ppm		NMT 500 ppm		NMT 500 ppm	
		Result		95.80 ppm		94.85							
		Analyzed by	Date										
		Checked By	Date										
8.	<b>Microbial Contamination</b>												
	a. Microbial Count	Specification		NMT 500 CFU/ml		NMT 500 CFU/ml		NMT 500 CFU/ml		NMT 500 CFU/ml		NMT 500 CFU/ml	
Result		207 CFUs/ml		212									
Analyzed by		Date											
Checked By		Date											
	b. Test on Specified microorganism												
i.	Escherichia Coli	Specification		Should be Absent 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		Absent		Absent							
		Analyzed by	Date										
		Checked By	Date										
ii.	Salmonella	Specification		Should be Absent 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		Absent		Absent							
		Analyzed by	Date										
		Checked By	Date										
iii.	Pseudomonas aeruginosa	Specification		Should be Absent 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		Absent		Absent							
		Analyzed by	Date										
		Checked By	Date										
iv.	Staphylococcus aureus	Specification		Should be Absent 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		Absent		Absent							
		Analyzed by	Date										
		Checked By	Date										
v.	Shigella	Specification		Should be Absent 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		Absent		Absent							



**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ → No. of Selected date: _____ →			Review Details									
				Day 1		Day 2		Day 3		Day 4		Day 5	
vi. Coliforms	Analyzed by	Date											
	Checked By	Date											
	Specification		<b>Should be Absent in 100 ml</b>		<b>Should be Absent in 100 ml</b>		<b>Should be Absent in 100 ml</b>		<b>Should be Absent in 100 ml</b>		<b>Should be Absent in 100 ml</b>		
	Result		Absent		Absent								
	Analyzed by	Date											
	Checked By	Date											
C.	Analytical report No.		NA	NA	NA								
	Material Name: Soft Water		NA	NA	NA								
	Sampling point No.		NA	NA	NA								
	Sampling point location		NA	NA	NA								
	Sampling Date		NA	NA	NA								
	Sampling By		NA	NA	NA								
<b>Tested results</b>													
1.	Description	Specification		<b>Clear, colourless and odourless liquid</b>		<b>Clear, colourless and odourless liquid</b>		<b>Clear, colourless and odourless liquid</b>		<b>Clear, colourless and odourless liquid</b>		<b>Clear, colourless and odourless liquid</b>	
		Result		NA	NA	NA							
		Analyzed by	Date	NA	NA	NA							
		Checked By	Date	NA	NA	NA							
2.	pH	Specification		<b>Between 5.0 and 8.0</b>		<b>Between 5.0 and 8.0</b>		<b>Between 5.0 and 8.0</b>		NA		<b>Between 5.0 and 8.0</b>	
		Result		NA	NA	NA		NA					
		Analyzed by	Date	NA	NA	NA							
		Checked By	Date	NA	NA	NA							
3.	Total Hardness	Specification		<b>NMT 200 ppm</b>		<b>NMT 200 ppm</b>		NA		<b>NMT 200 ppm</b>		<b>NMT 200 ppm</b>	
		Result		NA	NA	NA							
		Analyzed by	Date	NA	NA	NA							
		Checked By	Date	NA	NA	NA							
4.	Heavy metals	Specification		<b>NMT 1 ppm</b>		<b>NMT 1 ppm</b>		<b>NMT 1 ppm</b>		NA		<b>NMT 1 ppm</b>	
		Result		NA	NA	NA		NA					
		Analyzed by	Date	NA	NA	NA							
		Checked By	Date	NA	NA	NA							
5.	Nitrate	Specification		<b>NMT 45 ppm</b>		<b>NMT 45 ppm</b>		NA		<b>NMT 45 ppm</b>		<b>NMT 45 ppm</b>	
		Result		NA	NA	NA							
		Analyzed by	Date	NA	NA	NA							



**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ No. of Selected date: _____		Review Details						
			Day 1		Day 2	Day 3	Day 4	Day 5	
	Checked By	Date	NA	NA	NA				
6.	Residual free Chlorine (Borewell/other than Borewell)	Specification		<b>NLT 0.2 ppm (other than Borewell)</b>		<b>NLT 0.2 ppm (other than Borewell)</b>	<b>NLT 0.2 ppm (other than Borewell)</b>	NA	<b>NLT 0.2 ppm (other than Borewell)</b>
		Result		NA	NA	NA	NA		
		Analyzed by	Date	NA	NA	NA			
		Checked By	Date	NA	NA	NA			
7.	Total Dissolved Solids	Specification		<b>NMT 500 ppm</b>		<b>NMT 500 ppm</b>	NA	<b>NMT 500 ppm</b>	<b>NMT 500 ppm</b>
		Result		NA	NA	NA			
		Analyzed by	Date	NA	NA	NA			
		Checked By	Date	NA	NA	NA			
8.	<b>Microbial Contamination</b>								
	a) Microbial Count	Specification		<b>NMT 500 CFU/ml</b>		<b>NMT 500 CFU/ml</b>	<b>NMT 500 CFU/ml</b>	<b>NMT 500 CFU/ml</b>	<b>NMT 500 CFU/ml</b>
		Result		NA	NA	NA			
		Analyzed by	Date	NA	NA	NA			
		Checked By	Date	NA	NA	NA			
	b) Test on Specified microorganism								
	i. Escherichia Coli	Specification		<b>Should be Absent in 100 ml</b>		<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>
		Result		NA	NA	NA			
		Analyzed by	Date	NA	NA	NA			
		Checked By	Date	NA	NA	NA			
	ii. Salmonella	Specification		<b>Should be Absent in 100 ml</b>		<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>
		Result		NA	NA	NA			
		Analyzed by	Date	NA	NA	NA			
		Checked By	Date	NA	NA	NA			
	iii. Pseudomonas aeruginosa	Specification		<b>Should be Absent in 100 ml</b>		<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>
		Result		NA	NA	NA			
		Analyzed by	Date	NA	NA	NA			
		Checked By	Date	NA	NA	NA			
	iv. Staphylococcus aureus	Specification		<b>Should be Absent in 100 ml</b>		<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>
		Result		NA	NA	NA			
		Analyzed by	Date	NA	NA	NA			
		Checked By	Date	NA	NA	NA			
	v. Shigella	Specification		<b>Should be Absent in 100 ml</b>		<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>



**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ → No. of Selected date: _____ →		Review Details					
			Day 1	Day 2	Day 3	Day 4	Day 5	
vi. Coliforms	Result		NA	NA	NA			
	Analyzed by	Date	NA	NA	NA			
	Checked By	Date	NA	NA	NA			
	Specification		<b>Should be Absent in 100 ml</b>		<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>
	Result		NA	NA	NA			
	Analyzed by	Date	NA	NA	NA			
	Checked By	Date	NA	NA	NA			
<b>D.</b>	Analytical report No.		NA	NA	NA			
	Material Name: SW		NA	NA	NA			
	Sampling point No.		NA	NA	NA			
	Sampling point location		NA	NA	NA			
	Sampling Date		NA	NA	NA			
	Sampling By		NA	NA	NA			
<b>Tested results</b>								
1.	Description	Specification	<b>Clear, colourless and odourless liquid</b>		<b>Clear, colourless and odourless liquid</b>	<b>Clear, colourless and odourless liquid</b>	<b>Clear, colourless and odourless liquid</b>	<b>Clear, colourless and odourless liquid</b>
		Result	NA	NA	NA			
		Analyzed by	Date	NA	NA	NA		
		Checked By	Date	NA	NA	NA		
2.	pH	Specification	<b>Between 5.0 and 8.0</b>		<b>Between 5.0 and 8.0</b>	<b>Between 5.0 and 8.0</b>	<b>Between 5.0 and 8.0</b>	<b>Between 5.0 and 8.0</b>
		Result	NA	NA	NA			
		Analyzed by	Date	NA	NA	NA		
		Checked By	Date	NA	NA	NA		
3.	Total Hardness	Specification	<b>NMT 200 ppm</b>		<b>NMT 200 ppm</b>	<b>NMT 200 ppm</b>	<b>NMT 200 ppm</b>	<b>NMT 200 ppm</b>
		Result	NA	NA				
		Analyzed by	Date	NA	NA			
		Checked By	Date	NA	NA			
4.	Heavy metals	Specification	<b>NMT 1 ppm</b>		<b>NMT 1 ppm</b>	<b>NMT 1 ppm</b>	<b>NMT 1 ppm</b>	<b>NMT 1 ppm</b>
		Result	NA	NA				
		Analyzed by	Date	NA	NA			
		Checked By	Date	NA	NA			
5.	Nitrate	Specification	<b>NMT 45 ppm</b>		<b>NMT 45 ppm</b>	<b>NMT 45 ppm</b>	<b>NMT 45 ppm</b>	<b>NMT 45 ppm</b>
		Result	NA	NA				







**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ No. of Selected date: _____		Review Details						
			Day 1	Day 2	Day 3	Day 4	Day 5		
	v. Shigella	Specification	<b>Should be Absent in 100 ml</b>		<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>	
		Result	NA	NA	NA				
		Analyzed by	Date	NA	NA	NA			
		Checked By	Date	NA	NA	NA			
	vi. Coliforms	Specification	<b>Should be Absent in 100 ml</b>		<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>	<b>Should be Absent in 100 ml</b>	
		Result	NA	NA	NA				
		Analyzed by	Date	NA	NA	NA			
		Checked By	Date	NA	NA	NA			
<b>E.</b>	Analytical report No.		NA	NA	.....				
	Material Name: Demineralised Water		NA	NA	Demineralised Water				
	Sampling point No.		NA	NA					
	Sampling point location		NA	NA	DM After cation				
	Sampling Date		NA	NA					
	Sampling By		NA	NA					
<b>Tested results</b>									
1.	Description	Specification			<b>Clear, colourless and odourless liquid</b>				
		Result			Clear, colourless and odourless liquid				
		Analyzed by	Date						
		Checked By	Date						
2.	pH	Specification			<b>Between 5.0 and 7.0</b>				
		Result			4.522				
		Analyzed by	Date						
		Checked By	Date						
3.	Conductivity	Specification			<b>Not more than 200 µs/cm</b>				
		Result			27.02				
		Analyzed by	Date						
		Checked By	Date						
4.	Total Hardness	Specification			<b>A pure blue colour should be produced</b>				
		Result			Complies				
		Analyzed by	Date						
		Checked By	Date						



**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ → No. of Selected date: _____ →		Review Details				
			Day 1	Day 2	Day 3	Day 4	Day 5
5.	Heavy metals	Specification			<b>Not more than 1 ppm</b>		
		Result			Complies		
		Analyzed by	Date				
		Checked By	Date				
8.	<b>Microbial Contamination</b>						
	a) Microbial Count	Specification			<b>Not more than 250 cfu/ml</b>		
		Result			71		
		Analyzed by	Date				
		Checked By	Date				
	i. Escherichia Coli	Specification			<b>Should be absent in 100 ml</b>		
		Result			Absent		
		Analyzed by	Date				
		Checked By	Date				
	ii. Salmonella	Specification			<b>Should be absent in 100 ml</b>		
		Result			Absent		
		Analyzed by	Date				
		Checked By	Date				
	iii. Psudomonas aeruginosa	Specification			<b>Should be absent in 100 ml</b>		
		Result			Absent		
		Analyzed by	Date				
		Checked By	Date				
	iv. Staphylococcus aureus	Specification			<b>Should be absent in 100 ml</b>		
		Result			Absent		
		Analyzed by	Date				
Checked By		Date					
v. Shigella	Specification			<b>Should be absent in 100 ml</b>			
	Result			Absent			
	Analyzed by	Date					
	Checked By	Date					
F.	Analytical report No.						
	Material Name: Demineralised Water				Demineralised Water		
	Sampling point No.						



**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ → No. of Selected date: _____ →		Review Details					
			Day 1	Day 2	Day 3	Day 4	Day 5	
	Sampling point location				DM After anion			
	Sampling Date							
	Sampling By							
<b>Tested results</b>								
1.	Description	Specification			<b>Clear, colourless and odourless liquid</b>			
		Result			Clear, colourless and odourless liquid			
		Analyzed by	Date					
		Checked By	Date					
2.	pH	Specification			<b>Between 5.0 and 7.0</b>			
		Result			7.510			
		Analyzed by	Date					
		Checked By	Date					
3.	Conductivity	Specification			<b>Not more than 200 µs/cm</b>			
		Result			32.01			
		Analyzed by	Date					
		Checked By	Date					
4.	Total Hardness	Specification			<b>A pure blue colour should be produced</b>			
		Result			Complies			
		Analyzed by	Date					
		Checked By	Date					
5.	Heavy metals	Specification			<b>Not more than 1 ppm</b>			
		Result			Complies			
		Analyzed by	Date					
		Checked By	Date					
8.	<b>Microbial Contamination</b>							
	a) Microbial Count	Specification			<b>Not more than 250 cfu/ml</b>			
		Result			75			
		Analyzed by	Date					
		Checked By	Date					
	i. Escherichia Coli	Specification			<b>Should be absent in 100 ml</b>			
		Result			Absent			
		Analyzed by	Date					



**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ → No. of Selected date: _____ →		Review Details						
			Day 1	Day 2	Day 3	Day 4	Day 5		
	Checked By	Date							
ii. Salmonella	Specification				<b>Should be absent in 100 ml</b>				
	Result				Absent				
	Analyzed by	Date							
	Checked By	Date							
iii. Psudomonas aeruginosa	Specification				<b>Should be absent in 100 ml</b>				
	Result				Absent				
	Analyzed by	Date							
	Checked By	Date							
iv. Staphylococcus aureus	Specification				<b>Should be absent in 100 ml</b>				
	Result				Absent				
	Analyzed by	Date							
	Checked By	Date							
v. Shigella	Specification				<b>Should be absent in 100 ml</b>				
	Result				Absent				
	Analyzed by	Date							
	Checked By	Date							
<b>G.</b>	Analytical report No.								
	Material Name: Demineralised Water				Demineralised Water				
	Sampling point No.								
	Sampling point location				DM After catpol				
	Sampling Date								
	Sampling By								
<b>Tested results</b>									
1.	Description	Specification				<b>Clear, colourless and odourless liquid</b>			
		Result				Clear, colourless and odourless liquid			
		Analyzed by	Date						
		Checked By	Date						
2.	pH	Specification				<b>Between 5.0 and 8.0</b>			
		Result				6.396			
		Analyzed by	Date						
		Checked By	Date						
3.	Conductivity at	Specification				<b>Not more than 1.3 µs/cm</b>			



**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ No. of Selected date: _____		Review Details					
			Day 1	Day 2	Day 3	Day 4	Day 5	
	25°C	Result		1.203				
		Analyzed by	Date					
		Checked By	Date					
4.	Acidity/Alkalinity	Specification		<b>Acidity: Resulting Solution should not be red</b> <b>Alkalinity: Resulting Solution should not be blue</b>				
		Result		Complies				
		Analyzed by	Date					
		Checked By	Date					
5.	Heavy metals	Specification		<b>Not more than 0.1 ppm</b>				
		Result		Complies				
		Analyzed by	Date					
		Checked By	Date					
6.	Nitrates	Specification		<b>Not more than 0.2 ppm</b>				
		Result		Complies				
		Analyzed by	Date					
		Checked By	Date					
7.	Oxidisable Substances	Specification		<b>The solution should be remains faintly pink</b>				
		Result		Complies				
		Analyzed by	Date					
		Checked By	Date					
8.	<b>Microbial Contamination</b>							
	a) Microbial Count	Specification		<b>Not more than 250 cfu/ml</b>				
		Result		76				
		Analyzed by	Date					
		Checked By	Date					
	i. Escherichia Coli	Specification		<b>Should be absent in 100 ml</b>				
		Result		Absent				
		Analyzed by	Date					
		Checked By	Date					
	ii. Salmonella	Specification		<b>Should be absent in 100 ml</b>				
		Result		Absent				





**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ No. of Selected date: _____		Review Details										
			Day 1		Day 2		Day 3		Day 4		Day 5		
	Checked By	Date											
4.	pH	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		Complies							
		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 ml of Methyl red solution R.		Sample Solution should not be coloured red on addition of 0.05 ml of Methyl red solution R.		Sample Solution should not be coloured red on addition of 0.05 ml of Methyl red solution R.		Sample Solution should not be coloured red on addition of 0.05 ml of Methyl red solution R.		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 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										
8.	Oxidisable Substances	Specification		The solution should remain faintly 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 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							
		Analyzed by	Date										
		Checked By	Date										
10.	Sulfates	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.	











**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ No. of Selected date: _____		Review Details										
			Day 1		Day 2		Day 3		Day 4		Day 5		
12.	Calcium and magnesium	Specification	Apure Blue colour should be produced		Apure Blue colour should be produced		Apure Blue colour should be produced		Apure Blue colour should be produced		Apure Blue colour should be produced		
		Result	Complies		Complies								
		Analyzed by	Date										
		Checked By	Date										
13.	Residue on evaporation	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		
		Result	0.0001		0.0001								
		Analyzed by	Date										
		Checked By	Date										
14.	<b>Microbial Contamination</b>												
	a) Microbial Count	Specification	NMT 100 CFU/ml		NMT 100 CFU/ml		NMT 100 CFU/ml		NMT 100 CFU/ml		NMT 100 CFU/ml		
		Result	07		11								
		Analyzed by	Date										
		Checked By	Date										
	b) Test on Specified microorganism												
	i. Escherichia Coli	Specification	Should be Absent		Should be Absent		Should be Absent		Should be Absent		Should be Absent		
		Result	Absent		Absent								
		Analyzed by	Date										
		Checked By	Date										
	ii. Salmonella	Specification	Should be Absent		Should be Absent		Should be Absent		Should be Absent		Should be Absent		
		Result	Absent		Absent								
		Analyzed by	Date										
		Checked By	Date										
	iii. Psudomonas aeruginosa	Specification	Should be Absent		Should be Absent		Should be Absent		Should be Absent		Should be Absent		
		Result	Absent		Absent								
		Analyzed by	Date										
		Checked By	Date										
	iv. Staphylococcus aureus	Specification	Should be Absent		Should be Absent		Should be Absent		Should be Absent		Should be Absent		
		Result	Absent		Absent								
		Analyzed by	Date										
		Checked By	Date										
	J.	Analytical report No.											
		Material Name: PW		Purified Water		Purified Water							



**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ No. of Selected date: _____		Review Details							
			Day 1	Day 2	Day 3	Day 4	Day 5			
	Sampling point No.									
	Sampling point location		UV Inlet	Granulation-5						
	Sampling Date									
	Sampling By									
<b>Tested results</b>										
1.	Characters	Specification	A Clear, colourless and odourless liquid		A Clear, colourless and odourless liquid		A Clear, colourless and odourless liquid		A Clear, colourless and odourless 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 1.3 µs/cm		NMT 1.3 µs/cm	
		Result	1.196		1.085					
		Analyzed by	Date							
		Checked By	Date							
3.	Total organic carbon	Specification	NMT 500 ppb		NMT 500 ppb		NMT 500 ppb		NMT 500 ppb	
		Result	30.4		44.9					
		Analyzed by	Date							
		Checked By	Date							
4.	pH	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	
		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	
		Result	Complies		Complies					
		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	
		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 ml of Methyl red solution R.		Sample Solution should not be coloured red on addition of 0.05 ml of Methyl red solution R.		Sample Solution should not be coloured red on addition of 0.05 ml of Methyl red solution R.		Sample Solution should not be coloured red on addition of 0.05 ml of Methyl red solution R.	



**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ No. of Selected date: _____		Review Details				
			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	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 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			
		Analyzed by					
		Date					
		Checked By					
		Date					
10.	Sulfates	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	NMT 0.2 ppm	NMT 0.2 ppm	NMT 0.2 ppm	NMT 0.2 ppm
		Result	Complies	Complies			
		Analyzed by					
		Date					
		Checked By					
		Date					
12.	Calcium and magnesium	Specification	Apure Blue colour should be produced	Apure Blue colour should be produced	Apure Blue colour should be produced	Apure Blue colour should be produced	Apure Blue colour should be produced
		Result	Complies	Complies			
		Analyzed by					
		Date					
		Checked By					
		Date					
13.	Residue on evaporation	Specification	NMT 0.001% <i>m/v</i>	NMT 0.001% <i>m/v</i>	NMT 0.001% <i>m/v</i>	NMT 0.001% <i>m/v</i>	NMT 0.001% <i>m/v</i>
		Result	0.0003	0.0001			
		Analyzed by					
		Date					



**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ → No. of Selected date: _____ →		Review Details										
			Day 1		Day 2		Day 3		Day 4		Day 5		
	Checked By	Date											
14.	<b>Microbial Contamination</b>												
	a) Microbial Count	Specification	<b>NMT 100 CFU/ml</b>		<b>NMT 100 CFU/ml</b>		<b>NMT 100 CFU/ml</b>		<b>NMT 100 CFU/ml</b>		<b>NMT 100 CFU/ml</b>		
		Result	08		10								
		Analyzed by											
		Date											
		Checked By											
		Date											
	b) Test on Specified microorganism												
	i. Escherichia Coli	Specification	<b>Should be Absent</b>		<b>Should be Absent</b>		<b>Should be Absent</b>		<b>Should be Absent</b>		<b>Should be Absent</b>		
		Result	Absent		Absent								
		Analyzed by											
		Date											
		Checked By											
		Date											
	ii. Salmonella	Specification	<b>Should be Absent</b>		<b>Should be Absent</b>		<b>Should be Absent</b>		<b>Should be Absent</b>		<b>Should be Absent</b>		
		Result	Absent		Absent								
		Analyzed by											
		Date											
		Checked By											
		Date											
	iii. Pseudomonas aeruginosa	Specification	<b>Should be Absent</b>		<b>Should be Absent</b>		<b>Should be Absent</b>		<b>Should be Absent</b>		<b>Should be Absent</b>		
		Result	Absent		Absent								
		Analyzed by											
		Date											
		Checked By											
		Date											
	iv. Staphylococcus aureus	Specification	<b>Should be Absent</b>		<b>Should be Absent</b>		<b>Should be Absent</b>		<b>Should be Absent</b>		<b>Should be Absent</b>		
		Result	Absent		Absent								
		Analyzed by											
		Date											
		Checked By											
		Date											
<b>K.</b>	Analytical report No.												
	Material Name: PW		Purified Water		Purified Water								
	Sampling point No.												
	Sampling point location		UV Outlet		Paste Preparation-2								
	Sampling Date												
	Sampling By												
<b>Tested results</b>													
1.	Characters	Specification	<b>A Clear, colourless and odourless liquid</b>		<b>A Clear, colourless and odourless liquid</b>		<b>A Clear, colourless and odourless liquid</b>		<b>A Clear, colourless and odourless liquid</b>		<b>A Clear, colourless and odourless liquid</b>		
		Result	A Clear, colourless and odourless liquid		A Clear, colourless and odourless liquid								



**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ No. of Selected date: _____		Review Details										
			Day 1		Day 2		Day 3		Day 4		Day 5		
2.	Conductivity	Analyzed by	Date										
		Checked By	Date										
		Specification	<b>NMT 1.3µs/cm</b>		<b>NMT 1.3µs/cm</b>		<b>NMT 1.3µs/cm</b>		<b>NMT 1.3µs/cm</b>		<b>NMT 1.3µs/cm</b>		
		Result	1.182		1.043								
		Analyzed by	Date										
		Checked By	Date										
3.	Total organic carbon	Specification	<b>NMT 500 ppb</b>		<b>NMT 500 ppb</b>		<b>NMT 500 ppb</b>		<b>NMT 500 ppb</b>		<b>NMT 500 ppb</b>		
		Result	30.4		44.9								
		Analyzed by	Date										
		Checked By	Date										
4.	pH	Specification	<b>Between 5.0 and 7.0</b>		<b>Between 5.0 and 7.0</b>		<b>Between 5.0 and 7.0</b>		<b>Between 5.0 and 7.0</b>		<b>Between 5.0 and 7.0</b>		
		Result	6.287		5.709								
		Analyzed by	Date										
		Checked By	Date										
5.	Nitrates	Specification	<b>NMT 0.2 ppm</b>		<b>NMT 0.2 ppm</b>		<b>NMT 0.2 ppm</b>		<b>NMT 0.2 ppm</b>		<b>NMT 0.2 ppm</b>		
		Result	Complies		Complies								
		Analyzed by	Date										
		Checked By	Date										
6.	Heavy metals	Specification	<b>NMT 0.1 ppm</b>		<b>NMT 0.1 ppm</b>		<b>NMT 0.1 ppm</b>		<b>NMT 0.1 ppm</b>		<b>NMT 0.1 ppm</b>		
		Result	Complies		Complies								
		Analyzed by	Date										
		Checked By	Date										
7.	Acidity and Alkalinity	Specification	<b>Sample Solution should not be coloured red on addition of 0.05 ml of Methyl red solution R.</b>		<b>Sample Solution should not be coloured red on addition of 0.05 ml of Methyl red solution R.</b>		<b>Sample Solution should not be coloured red on addition of 0.05 ml of Methyl red solution R.</b>		<b>Sample Solution should not be coloured red on addition of 0.05 ml of Methyl red solution R.</b>		<b>Sample Solution should not be coloured red on addition of 0.05 ml of Methyl red solution R.</b>		
			<b>Sample solution should not be coloured blue on addition of 0.1 ml of Bromothymol Blue Solution R1</b>		<b>Sample solution should not be coloured blue on addition of 0.1 ml of Bromothymol Blue Solution R1</b>		<b>Sample solution should not be coloured blue on addition of 0.1 ml of Bromothymol Blue Solution R1</b>		<b>Sample solution should not be coloured blue on addition of 0.1 ml of Bromothymol Blue Solution R1</b>		<b>Sample solution should not be coloured blue on addition of 0.1 ml of Bromothymol Blue Solution R1</b>		
		Result	Complies		Complies								
		Analyzed by	Date										
		Checked By	Date										
8.	Oxidisable Substances	Specification	<b>The solution should remain faintly pink</b>		<b>The solution should remain faintly pink</b>		<b>The solution should remain faintly pink</b>		<b>The solution should remain faintly pink</b>		<b>The solution should remain faintly pink</b>		
		Result	Complies		Complies								



**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ No. of Selected date: _____		Review Details									
			Day 1		Day 2		Day 3		Day 4		Day 5	
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							
		Analyzed by	Date									
		Checked By	Date									
10.	Sulfates	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		NMT 0.2 ppm		NMT 0.2 ppm		NMT 0.2 ppm		NMT 0.2 ppm	
		Result	Complies		Complies							
		Analyzed by	Date									
		Checked By	Date									
12.	Calcium and magnesium	Specification	Apure Blue colour should be produced		Apure Blue colour should be produced		Apure Blue colour should be produced		Apure Blue colour should be produced		Apure Blue colour should be produced	
		Result	Complies		Complies							
		Analyzed by	Date									
		Checked By	Date									
13.	Residue on evaporation	Specification	NMT 0.001% <i>m/v</i>		NMT 0.001% <i>m/v</i>		NMT 0.001% <i>m/v</i>		NMT 0.001% <i>m/v</i>		NMT 0.001% <i>m/v</i>	
		Result	0.0007		0.0003							
		Analyzed by	Date									
		Checked By	Date									
14.	<b>Microbial Contamination</b>											
	a) Microbial Count	Specification	NMT 100 CFU/ml		NMT 100 CFU/ml		NMT 100 CFU/ml		NMT 100 CFU/ml		NMT 100 CFU/ml	
		Result	06		11							
		Analyzed by	Date									
		Checked By	Date									
	b) Test on Specified microorganism											
i. Escherichia	Specification	Should be Absent		Should be Absent		Should be Absent		Should be Absent		Should be Absent		





**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ No. of Selected date: _____		Review Details							
			Day 1	Day 2	Day 3	Day 4	Day 5			
	Coli	Result	Absent		Absent					
		Analyzed by	Date							
		Checked By	Date							
	ii. Salmonella	Specification	Should be Absent		Should be Absent		Should be Absent		Should be Absent	
		Result	Absent		Absent					
		Analyzed by	Date							
		Checked By	Date							
	iii. Pseudomonas aeruginosa	Specification	Should be Absent		Should be Absent		Should be Absent		Should be Absent	
		Result	Absent		Absent					
		Analyzed by	Date							
		Checked By	Date							
	iv. Staphylococcus aureus	Specification	Should be Absent		Should be Absent		Should be Absent		Should be Absent	
Result		Absent		Absent						
Analyzed by		Date								
Checked By		Date								
<b>L.</b>	Analytical report No.									
	Material Name: PW		Purified Water		Purified Water					
	Sampling point No.									
	Sampling point location		Return Loop		Paste Preparation-4					
	Sampling Date									
	Sampling By									
<b>Tested results</b>										
1.	Characters	Specification	<b>A Clear, colourless and odourless liquid</b>		<b>A Clear, colourless and odourless liquid</b>		<b>A Clear, colourless and odourless liquid</b>		<b>A Clear, colourless and odourless liquid</b>	
		Result	A Clear, colourless and odourless liquid		A Clear, colourless and odourless liquid		A Clear, colourless and odourless liquid		A Clear, colourless and odourless liquid	
		Analyzed by	Date							
		Checked By	Date							
2.	Conductivity	Specification	<b>NMT 1.3 µs/cm</b>		<b>NMT 1.3 µs/cm</b>		<b>NMT 1.3 µs/cm</b>		<b>NMT 1.3 µs/cm</b>	
		Result	1.119		1.080					
		Analyzed by	Date							
		Checked By	Date							
3.	Total organic	Specification	<b>NMT 500 ppb</b>		<b>NMT 500 ppb</b>		<b>NMT 500 ppb</b>		<b>NMT 500 ppb</b>	





**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ → No. of Selected date: _____ →		Review Details									
			Day 1		Day 2		Day 3		Day 4		Day 5	
10.	Sulfates	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		NMT 0.2 ppm		NMT 0.2 ppm		NMT 0.2 ppm		NMT 0.2 ppm	
		Result	Complies		Complies							
		Analyzed by	Date									
		Checked By	Date									
12.	Calcium and magnesium	Specification	Apure Blue colour should be produced		Apure Blue colour should be produced		Apure Blue colour should be produced		Apure Blue colour should be produced		Apure Blue colour should be produced	
		Result	Complies		Complies							
		Analyzed by	Date									
		Checked By	Date									
13.	Residue on evaporation	Specification	NMT 0.001% <i>m/v</i>		NMT 0.001% <i>m/v</i>		NMT 0.001% <i>m/v</i>		NMT 0.001% <i>m/v</i>		NMT 0.001% <i>m/v</i>	
		Result	0.0001		0.0005							
		Analyzed by	Date									
		Checked By	Date									
14.	<b>Microbial Contamination</b>											
	a) Microbial Count	Specification	NMT 100 CFU/ml		NMT 100 CFU/ml		NMT 100 CFU/ml		NMT 100 CFU/ml		NMT 100 CFU/ml	
		Result	10		12							
		Analyzed by	Date									
		Checked By	Date									
	b) Test on Specified microorganism											
	i. Escherichia Coli	Specification	Should be Absent		Should be Absent		Should be Absent		Should be Absent		Should be Absent	
		Result	Absent		Absent							
		Analyzed by	Date									
		Checked By	Date									
	ii. Salmonella	Specification	Should be Absent		Should be Absent		Should be Absent		Should be Absent		Should be Absent	
		Result	Absent		Absent							
		Analyzed by	Date									
		Checked By	Date									
iii. Pseudomonas	Specification	Should be Absent		Should be Absent		Should be Absent		Should be Absent		Should be Absent		
	Result											



**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ No. of Selected date: _____		Review Details									
			Day 1		Day 2		Day 3		Day 4		Day 5	
	aeruginosa	Result	Absent		Absent							
		Analyzed by	Date									
		Checked By	Date									
	iv. Staphylococcus aureus	Specification	Should be Absent		Should be Absent		Should be Absent		Should be Absent		Should be Absent	
		Result	Absent		Absent							
		Analyzed by	Date									
	Checked By	Date										
<b>M.</b>	Analytical report No.											
	Material Name: PW		Purified Water		Purified Water							
	Sampling point No.											
	Sampling point location		Coating-3		Janitor Room							
	Sampling Date											
	Sampling By											
<b>Tested results</b>												
1.	Characters	Specification	A Clear, colourless and odourless liquid		A Clear, colourless and odourless liquid		A Clear, colourless and odourless liquid		A Clear, colourless and odourless liquid		A Clear, colourless and odourless liquid	
		Result	A Clear, colourless and odourless liquid		A Clear, colourless and odourless liquid							
		Analyzed by	Date									
		Checked By	Date									
2.	Conductivity	Specification	NMT 1.3µs/cm		NMT 1.3µs/cm		NMT 1.3µs/cm		NMT 1.3µs/cm		NMT 1.3µs/cm	
		Result	1.172		1.020							
		Analyzed by	Date									
		Checked By	Date									
3.	Total organic carbon	Specification	NMT 500 ppb		NMT 500 ppb		NMT 500 ppb		NMT 500 ppb		NMT 500 ppb	
		Result	30.4		44.9							
		Analyzed by	Date									
		Checked By	Date									
4.	pH	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	5.900		6.144							
		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		Complies							





**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ No. of Selected date: _____		Review Details											
			Day 1		Day 2		Day 3		Day 4		Day 5			
	Checked By	Date												
12.	Calcium and magnesium	Specification	Apure Blue colour should be produced		Apure Blue colour should be produced		Apure Blue colour should be produced		Apure Blue colour should be produced		Apure Blue colour should be produced		Apure Blue colour should be produced	
		Result	Complies		Complies									
		Analyzed by	Date											
		Checked By	Date											
13.	Residue on evaporation	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		NMT 0.001%/m/v	
		Result	0.0002		0.0004									
		Analyzed by	Date											
		Checked By	Date											
14.	<b>Microbial Contamination</b>													
	a) Microbial Count	Specification	NMT 100 CFU/ml		NMT 100 CFU/ml		NMT 100 CFU/ml		NMT 100 CFU/ml		NMT 100 CFU/ml		NMT 100 CFU/ml	
		Result	09		11									
		Analyzed by	Date											
		Checked By	Date											
	b) Test on Specified microorganism													
	i. Escherichia Coli	Specification	Should be Absent		Should be Absent		Should be Absent		Should be Absent		Should be Absent		Should be Absent	
		Result	Absent		Absent									
		Analyzed by	Date											
		Checked By	Date											
	ii. Salmonella	Specification	Should be Absent		Should be Absent		Should be Absent		Should be Absent		Should be Absent		Should be Absent	
		Result	Absent		Absent									
		Analyzed by	Date											
		Checked By	Date											
	iii. Pseudomonas aeruginosa	Specification	Should be Absent		Should be Absent		Should be Absent		Should be Absent		Should be Absent		Should be Absent	
		Result	Absent		Absent									
		Analyzed by	Date											
		Checked By	Date											
	iv. Staphylococcus aureus	Specification	Should be Absent		Should be Absent		Should be Absent		Should be Absent		Should be Absent		Should be Absent	
		Result	Absent		Absent									
		Analyzed by	Date											
		Checked By	Date											
N.	Analytical report No.				NA									



**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ No. of Selected date: _____		Review Details							
			Day 1	Day 2	Day 3	Day 4	Day 5			
	Material Name: PW		Purified Water	NA						
	Sampling point No.			NA						
	Sampling point location		Coating-2	NA						
	Sampling Date			NA						
	Sampling By		r	NA						
<b>Tested results</b>										
1.	Characters	Specification	<b>A Clear, colourless and odourless liquid</b>		<b>A Clear, colourless and odourless liquid</b>		<b>A Clear, colourless and odourless liquid</b>		<b>A Clear, colourless and odourless liquid</b>	
		Result	A Clear, colourless and odourless liquid		NA					
		Analyzed by	Date		NA	NA				
		Checked By	Date		NA	NA				
2.	Conductivity	Specification	<b>NMT 1.3µs/cm</b>		<b>NMT 1.3µs/cm</b>		<b>NMT 1.3µs/cm</b>		<b>NMT 1.3µs/cm</b>	
		Result	1.002		NA					
		Analyzed by	Date		NA	NA				
		Checked By	Date		NA	NA				
3.	Total organic carbon	Specification	<b>NMT 500 ppb</b>		<b>NMT 500 ppb</b>		<b>NMT 500 ppb</b>		<b>NMT 500 ppb</b>	
		Result	30.4		NA					
		Analyzed by	Date		NA	NA				
		Checked By	Date		NA	NA				
4.	pH	Specification	<b>Between 5.0 and 7.0</b>		<b>Between 5.0 and 7.0</b>		<b>Between 5.0 and 7.0</b>		<b>Between 5.0 and 7.0</b>	
		Result	5.911		NA					
		Analyzed by	Date		NA	NA				
		Checked By	Date		NA	NA				
5.	Nitrates	Specification	<b>NMT 0.2 ppm</b>		<b>NMT 0.2 ppm</b>		<b>NMT 0.2 ppm</b>		<b>NMT 0.2 ppm</b>	
		Result	Complies		NA					
		Analyzed by	Date		NA					
		Checked By	Date		NA					
6.	Heavy metals	Specification	<b>NMT 0.1 ppm</b>		<b>NMT 0.1 ppm</b>		<b>NMT 0.1 ppm</b>		<b>NMT 0.1 ppm</b>	
		Result	Complies		NA					
		Analyzed by	Date		NA	NA				
		Checked By	Date		NA	NA				
7.	Acidity and Alkalinity	Specification	<b>Sample Solution should not be coloured red on addition of 0.05 ml of Methyl red solution R.</b>		<b>Sample Solution should not be coloured red on addition of 0.05 ml of Methyl red solution R.</b>		<b>Sample Solution should not be coloured red on addition of 0.05 ml of Methyl red solution R.</b>		<b>Sample Solution should not be coloured red on addition of 0.05 ml of Methyl red solution R.</b>	



**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ No. of Selected date: _____		Review Details									
			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	
			Complies		NA							
	Analyzed by	Date			NA	NA						
	Checked By	Date			NA	NA						
8.	Oxidisable Substances	Specification	The solution should remain faintly 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		NA							
	Analyzed by	Date			NA	NA						
	Checked By	Date			NA	NA						
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		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.		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		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		A pure Blue colour should be produced		A pure Blue colour should be produced		A pure Blue colour should be produced		A pure Blue colour should be produced	
		Result	Complies		NA							
	Analyzed by	Date			NA	NA						
	Checked By	Date			NA	NA						
13.	Residue on evaporation	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	
		Result	0.0002		NA							
	Analyzed by	Date			NA	NA						









**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ No. of Selected date: _____		Review Details											
			Day 1		Day 2		Day 3		Day 4		Day 5			
9.	Chlorides	Analyzed by	Date			NA								
		Checked By	Date			NA								
		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		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.		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		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		A pure Blue colour should be produced		A pure Blue colour should be produced		A pure Blue colour should be produced		A pure Blue colour should be produced		
		Result		Complies		NA								
		Analyzed by	Date			NA	NA							
		Checked By	Date			NA	NA							
13.	Residue on evaporation	Specification		NMT 0.001% <i>m/v</i>		NMT 0.001% <i>m/v</i>		NMT 0.001% <i>m/v</i>		NMT 0.001% <i>m/v</i>		NMT 0.001% <i>m/v</i>		
		Result		0.0003		NA								
		Analyzed by	Date			NA	NA							
		Checked By	Date			NA	NA							
14.	<b>Microbial Contamination</b>													
	a) Microbial Count	Specification		NMT 100 CFU/ml		NMT 100 CFU/ml		NMT 100 CFU/ml		NMT 100 CFU/ml		NMT 100 CFU/ml		
		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 be Absent		Should be Absent		Should be Absent		Should be Absent			



**Water Trend Verification**

S.No.	Description of water testing details No. of Selected day: _____ No. of Selected date: _____		Review Details										
			Day 1		Day 2		Day 3		Day 4		Day 5		
	Coli	Result	Absent		NA								
		Analyzed by	Date			NA	NA						
		Checked By	Date			NA	NA						
		Specification		Should be Absent		Should be Absent		Should be Absent		Should be Absent		Should be Absent	
	ii. Salmonella	Result	Absent		NA								
		Analyzed by	Date			NA	NA						
		Checked By	Date			NA	NA						
		Specification		Should be Absent		Should be Absent		Should be Absent		Should be Absent		Should be Absent	
	iii. Pseudomonas aeruginosa	Result	Absent		NA								
		Analyzed by	Date			NA	NA						
		Checked By	Date			NA	NA						
		Specification		Should be Absent		Should be Absent		Should be Absent		Should be Absent		Should be Absent	
	iv. Staphylococcus aureus	Result	Absent		NA								
		Analyzed by	Date			NA	NA						
		Checked By	Date			NA	NA						
		Specification		Should be Absent		Should be Absent		Should be Absent		Should be Absent		Should be Absent	

**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 Documentation of any discrepancies identified during verification along with action taken:**

**3.1 Details of discrepancy identified**

**Quality Assurance**

(Signature/Date): \_\_\_\_\_

**Quality Control**

(Signature/Date): \_\_\_\_\_

**3.2 Impact assessment**

**Quality Assurance(Signature/Date):** \_\_\_\_\_

**3.3 Corrective Action taken**

**Date of completion of actions outlined:**

**Quality Assurance**

(Signature/Date): \_\_\_\_\_

**Quality Control**

(Signature/Date): \_\_\_\_\_

**4.0 Evaluation and Conclusion:**

**Quality Assurance**

(Signature/Date): \_\_\_\_\_

**Quality Control**

(Signature/Date): \_\_\_\_\_