



CBOD5 LOG

ANALYST: jignesh

SUPERVISOR: apatel

QC BATCH ID: LB114035

Analysis Date: 04/17/2021

BOD Water: WP90565

MANGANOUS SULFATE SOLUTION: W2767

Starch: W2703

Alkaline Iodide Azide: W2742

Sulfuric acid, 1N: WP88863

Sodium Thiosulfate, 0.025N: WP90315

POLYSEED: WP90567

NaOH, 1N: WP89699

GGA: WP90566

IncubatorID: INCUBATOR #3

Chlorine Strips: W2543

GuageID: 0511064

pH Strips: W2716

Zero DO: WP90097

Nitrification Inhibitor: W2791

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.4	8.4	8.8
WINKLER 2	WINKLER 2	2	300	8.4	17.6	9.2	8.8

Meter Calibration1: 8.64

Zero DO Reading1: 0.09 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg

Winkler titrated BOD fluid DO reading1: 8.66

**After Incubation**

Meter Calibration2: 8.71

Zero DO Reading2: 0.03 mg/L (<=0.2 Criteria)

Barometric Pressure2: 750 mmHg

Winkler titrated BOD fluid DO reading2: 8.62



QC BATCH ID: LB114035

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 12:10

TIME OUT: 11:00

DATE IN: 04/17/2021

DATE OUT: 04/22/2021

Lab SampleID	Bottle No.	Check CL	Initial PH	Final PH	Temp °C	Sam Vol. (mL)	D.O.1 Initial	D.O.2 Final	Depletion	BOD Result (mg/L)	Avg Result (mg/L)	Comment
LB114035BL	1	No	6.00	N/A	21.30	300	8.33	8.30	0.03	0.03	0.03	
POLYSEED	1					10	8.33	4.93	3.4	0.68	0.72	
POLYSEED	2					15	8.30	2.29	6.01	0.8		
POLYSEED	3					20	8.25	1.40	6.85	0.69		
GGA	1					6	8.20	4.71	3.49	138.5	179.67	
GGA	2					6	8.18	3.86	4.32	180		
GGA	3					6	8.18	3.05	5.13	220.5		
M2078-01	1	No	6.30	N/A	21.20	5	8.19	6.21	-	0	17.46	
M2078-01	2					20	8.08	5.11	2.97	33.75		
M2078-01	3					50	7.88	4.89	2.99	13.62		
M2078-01	4					150	7.02	3.80	3.22	5		
M2078-01DUP	1	No	6.30	N/A	21.20	5	8.18	6.19	-	0	17.29	
M2078-01DUP	2					20	8.07	5.13	2.94	33.3		
M2078-01DUP	3					50	7.89	4.90	2.99	13.62		
M2078-01DUP	4					150	7.01	3.82	3.19	4.94		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

LB114035

### WORKLIST(Hardcopy Internal Chain)

WorkList Name : CBOD-41721      WorkList ID : 148120      Department : Wet-Chemistry      Date : 04-17-2021 09:02:54

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/18/2021	Water	M2078-01K	CBOD5	Cool 4 deg C	LIR001	P31	TWP-01	04/16/2021	SM5210 B

Date/Time 04/17/2021 10:40  
 Raw Sample Received by: AM (wet chem)  
 Raw Sample Relinquished by: KS (wet chem)

Date/Time 04/17/2021 12:20  
 Raw Sample Received by: KS (wet chem)  
 Raw Sample Relinquished by: AM (wet chem)