



CBOD5 LOG

ANALYST: ketankumar

SUPERVISOR: apatel

Analysis Date: 07/22/2021

QC BATCH ID: LB115485

BOD Water: WP92164

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: WP92166

GGA: WP92165

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: WP90938

NaOH, 1N: WP91991

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP91886

Nitrification Inhibitor: W2792

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.9	8.9	8.85
WINKLER 2	WINKLER 2	2	300	8.9	17.7	8.8	8.85

Meter Calibration1: 8.65

Barometric Pressure1: 760 mmHg

Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.98

After Incubation

Meter Calibration2: 8.37

Barometric Pressure2: 760 mmHg

Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.66



QC BATCH ID: LB115485

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 13:00

TIME OUT: 11:30

DATE IN: 07/22/2021

DATE OUT: 07/27/2021

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
LB115485BL	1	No	6.0	N/A	21.20	300	8.90	8.58	0.32	0.32	0.32	
POLYSEED	1					10	9.24	7.01	2.23	0.45	0.48	
POLYSEED	2					15	9.22	5.34	3.88	0.52		
POLYSEED	3					20	9.21	4.38	4.83	0.48		
GGA	1					6	9.24	4.58	4.66	209	211.83	
GGA	2					6	9.20	4.60	4.6	206		
GGA	3					6	9.31	4.42	4.89	220.5		
M3132-01	1	No	7.65	N/A	21.20	5	9.25	8.07	-	0		
M3132-01	2					20	9.18	7.94	-	0		
M3132-01	3					50	9.17	7.82	-	0		
M3132-01	4					150	9.12	7.61	-	0		
M3132-01DUP	1	No	7.65	N/A	21.20	5	9.24	8.05	-	0		
M3132-01DUP	2					20	9.15	7.92	-	0		
M3132-01DUP	3					50	9.13	7.80	-	0		
M3132-01DUP	4					150	9.10	7.60	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 115485

WorkList Name : cbod72221 WorkList ID : 150785 Department : Wet-Chemistry Date : 07-22-2021 10:41:43

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
07/23/2021	Water	M3132-01	CBOD5	Cool 4 deg C	DIST01	L11	55-ST-32	07/21/2021	SM5210 B

Date/Time 07/22/21 10:45
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: JS (WC)

Date/Time 07/22/21 13:10
 Raw Sample Received by: JS (WC)
 Raw Sample Relinquished by: KS (WC)