



CBOD5 LOG

ANALYST: ketankumar

SUPERVISOR: apatel

Analysis Date: 01/27/2022

QC BATCH ID: LB118409

BOD Water: WP95022

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: WP95024

GGA: WP95023

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: W2843

NaOH, 1N: WP94570

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP94126

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	8.8	8.8	8.9
WINKLER 2	WINKLER 2	2	300	8.8	17.8	9	8.9

Meter Calibration1: 9.21

Barometric Pressure1: 776 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.84

After Incubation

Meter Calibration2: 8.90

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.89



QC BATCH ID: LB118409

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 14:45

TIME OUT: 12:05

DATE IN: 01/27/2022

DATE OUT: 02/01/2022

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
LB118409BL	1	No	6.0	N/A	21.20	300	9.05	8.80	0.25	0.25	0.25	
POLYSEED	1					10	9.02	5.78	3.24	0.65	0.65	
POLYSEED	2					15	9.00	4.69	4.31	0.57		
POLYSEED	3					20	8.98	1.67	7.31	0.73		
GGA	1					6	8.89	4.78	4.11	173	184.5	
GGA	2					6	8.92	4.64	4.28	181.5		
GGA	3					6	8.90	4.27	4.63	199		
N1301-01	1	No	7.88	N/A	20.10	5	9.00	8.62	-	0		
N1301-01	2					20	8.98	8.32	-	0		
N1301-01	3					50	8.95	8.26	-	0		
N1301-01	4					150	8.93	7.73	-	0		
N1301-01DUP	1	No	7.88	N/A	20.10	5	8.98	8.65	-	0		
N1301-01DUP	2					20	8.93	8.35	-	0		
N1301-01DUP	3					50	8.92	8.28	-	0		
N1301-01DUP	4					150	8.90	7.75	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 118409

WorkList Name : cbod12722 WorkList ID : 156363 Department : Wet-Chemistry Date : 01-27-2022 12:22:33

Due Date		Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/29/2022	Water	N1301-01	CBOD5		Cool 4 deg C	DIST01	K11	55-ST-34	01/27/2022	SM5210 B

Date/Time 01/27/22 12:30
Raw Sample Received by: KS(wc)
Raw Sample Relinquished by: R/wc

Date/Time 01/27/22 14:50
Raw Sample Received by: R/wc
Raw Sample Relinquished by: KS(wc)