



BOD Soluble LOG

ANALYST: ketankumar

SUPERVISOR: apatel

QC BATCH ID: LB118190

Analysis Date: 01/12/2022

BOD Water: WP94783

MANGANOUS SULFATE SOLUTION: W2767

Starch: W2703

Alkaline Iodide Azide: W2742

Sulfuric acid, 1N: WP88863

Sodium Thiosulfate, 0.025N: W2843

POLYSEED: WP94785

NaOH, 1N: WP94570

GGA: WP94784

IncubatorID: INCUBATOR #3

Chlorine Strips: W2543

GuageID: 0511064

pH Strips: W2716

Zero DO: WP94126

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.0	9	9.1
WINKLER 2	WINKLER 2	2	300	9.0	18.2	9.2	9.1

Meter Calibration1: 8.95

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

Barometric Pressure1: 765 mmHg

Winkler titrated BOD fluid DO reading1: 9.11

After Incubation

Meter Calibration2: 8.76

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

Barometric Pressure2: 734 mmHg

Winkler titrated BOD fluid DO reading2: 9.10



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INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 15:30

TIME OUT: 13:30

DATE IN: 01/12/2022

DATE OUT: 01/17/2022

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
LB118190BL	1	No	6.4	N/A	21.20	300	9.12	9.10	0.02	0.02	0.02	
POLYSEED	1					10	9.10	5.99	3.11	0.62	0.6	
POLYSEED	2					15	9.08	5.20	3.88	0.52		
POLYSEED	3					20	9.06	2.58	6.48	0.65		
GGA	1					6	9.10	3.58	5.52	246	206.83	
GGA	2					6	9.08	3.98	5.1	225		
GGA	3					6	9.10	5.51	3.59	149.5		
N1104-06	1	No	8.05	7.20	19.20	2	9.09	8.38	-	0	27.41	pH Adjusted
N1104-06	2					10	9.07	7.85	-	0		
N1104-06	3					20	9.02	6.85	2.17	23.55		
N1104-06	4					50	8.94	3.13	5.81	31.26		
N1104-06DUP	1	No	8.05	7.20	19.20	2	9.10	8.40	-	0	27.3	pH Adjusted
N1104-06DUP	2					10	9.08	7.88	-	0		
N1104-06DUP	3					20	9.03	6.87	2.16	23.4		
N1104-06DUP	4					50	8.95	3.15	5.8	31.2		

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

WORKLIST(Hardcopy Internal Chain)

LB118190

WorkList Name : bod sol11222 WorkList ID : 155950 Department : Wet-Chemistry Date : 01-12-2022 10:27:21

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/13/2022	Water	N1104-06	BOD Soluble	Cool 4 deg C	M&MM01	H11	6CS	01/11/2022	SM5210 B

Date/Time 01/12/22 14:30
 Raw Sample Received by: KS(WC)
 Raw Sample Relinquished by: CP SM

Date/Time 01/12/22 15:35
 Raw Sample Received by: CP SM
 Raw Sample Relinquished by: KS(WC)