



CBOD5 LOG

ANALYST: Alexander

SUPERVISOR: apatel

Analysis Date: 01/13/2021

QC BATCH ID: LB112768

BOD Water: WP89053

Starch: W2703

Sulfuric acid, 1N: W2609

POLYSEED: WP89054

GGA: WP89055

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: WP88904

NaOH, 0.25N: WP86593

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP88838

Nitrification Inhibitor: W2320

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.3	8.3	8.4
WINKLER 2	WINKLER 2	2	300	8.3	16.8	8.5	8.4

Meter Calibration1: 8.54

Barometric Pressure1: 765 mmHg

Zero DO Reading1: 0.13 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.47

After Incubation

Meter Calibration2: 8.63

Barometric Pressure2: 755` mmHg

Zero DO Reading2: 0.08 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.45



QC BATCH ID: LB112768

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 16:15

TIME OUT: 11:05

DATE IN: 01/13/2021

DATE OUT: 01/18/2021

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
LB112768BL	1	No	6.0	N/A	21.10	300	8.45	8.37	0.08	0.08	0.08	
POLYSEED	1					10	8.45	4.94	3.51	0.7	0.7	
POLYSEED	2					15	8.44	3.42	5.02	0.67		
POLYSEED	3					20	8.43	1.06	7.37	0.74		
GGA	1					6	8.40	4.37	4.03	166.5	182.33	
GGA	2					6	8.39	3.93	4.46	188		
GGA	3					6	8.40	3.85	4.55	192.5		
M1101-01	1	No	7.6	N/A	20.80	5	8.45	8.02	-	0		
M1101-01	2					20	8.40	7.63	-	0		
M1101-01	3					50	8.38	7.24	-	0		
M1101-01	4					150	8.23	7.17	-	0		
M1101-01DUP	1	No	7.6	N/A	20.80	5	8.44	8.03	-	0		
M1101-01DUP	2					20	8.39	7.58	-	0		
M1101-01DUP	3					50	8.38	7.19	-	0		
M1101-01DUP	4					150	8.22	7.11	-	0		

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

LB110768

WORKLIST(Hardcopy Internal Chain)

WorkList Name : CBOD-11321

WorkList ID : 145650

Department : Wet-Chemistry

Date : 01-13-2021 09:16:33

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/14/2021	Water	M1101-01 C	CBOD5	Cool 4 deg C	DIST01	55-ST-30	55-ST-30	01/12/2021	SM5210 B

Date/Time

01/13/2021 15:10

Received by:

AmLutia-chem

Relinquished by:

SP Cues

Date/Time

01/13/2021 16:20

Received by:

SP Cues - Chem

Relinquished by:

AmLutia-chem