

**BOD5 LOG****ANALYST:** Alexander**SUPERVISOR:** apatel**Analysis Date:** 01/13/2021**QC BATCH ID:** LB112767**BOD Water:** WP89053**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2703**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** W2609**Sodium Thiosulfate, 0.025N:** WP88904**POLYSEED:** WP89054**NaOH, 0.25N:** WP86593**GGA:** WP89055**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2543**GuageID:** 0511064**pH Strips:** W2716**Zero DO:** WP88838

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: 8.54Zero DO Reading1: 0.15 mg/L (<=0.2 Criteria)Barometric Pressure1: 765 mmHgWinkler titrated BOD fluid DO reading1: 8.47**After Incubation**Meter Calibration2: 8.63Zero DO Reading2: 0.08 mg/L (<=0.2 Criteria)Barometric Pressure2: 755 mmHgWinkler titrated BOD fluid DO reading2: 8.45



QC BATCH ID: LB112767

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
LB112767BL	1	No	6.0	N/A	21.10	300	8.47	8.37	0.1	0.1	0.1	
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		
M1138-01	1	No	6.4	N/A	20.70	0.5	8.40	7.28	-	0	608.17	
M1138-01	2					1	8.39	5.59	2.8	630		
M1138-01	3					2	8.38	3.49	4.89	628.5		
M1138-01	4					3	8.38	2.02	6.36	566		
M1138-01DUP	1	No	6.4	N/A	20.70	0.5	8.41	7.30	-	0	617.67	
M1138-01DUP	2					1	8.40	5.52	2.88	654		
M1138-01DUP	3					2	8.38	3.48	4.9	630		
M1138-01DUP	4					3	8.37	1.98	6.39	569		

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

LB112767

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-11321

WorkList ID : 145649

Department : Wet-Chemistry

Date : 01-13-2021 09:16:27

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/15/2021	Water	M1138-01	BOD5	Cool 4 deg C	ARAM01	F51	COMP	01/13/2021	SM5210 B

Date/Time 01/13/2021 15:10

Received by: AM (wet-chem)

Relinquished by: SP (wet-chem)

Date/Time 01/13/2021 16:20

Received by: SP (wet-chem)

Relinquished by: AM (wet-chem)