

**BOD5 LOG**

Analysis Date: 10/21/2020

QC BATCH ID: LB111643

ANALYST: jignesh

BOD Water: WP87732

SUPERVISOR: apatel

Starch: W2703

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2609

Alkaline Iodide Azide: W2742

POLYSEED: WP87734

Sodium Thiosulfate, 0.025N: WP87313

GGA: WP87733

NaOH, 0.25N: WP86593

Chlorine Strips: W2543

IncubatorID: INCUBATOR #3

pH Strips: W2716

Zero DO: WP87426

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.7	8.7	8.8
WINKLER 2	WINKLER 2	2	300	8.7	17.6	8.9	8.8

Meter Calibration1 : 8.80

Zero DO Reading1 : 0.02 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.80

Zero DO Reading2 : 0.03 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB111643

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 15:15

TIME OUT: 10:15

DATE IN: 10/21/2020

DATE OUT: 10/26/2020

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
LB111643BL	1	No	6.0	N/A	21.20	300	8.80	8.80	0	0	0	
POLYSEED	1					10	8.70	5.92	2.78	0.56	0.58	
POLYSEED	2					15	8.65	4.38	4.27	0.57		
POLYSEED	3					20	8.60	2.42	6.18	0.62		
GGA	1					6	8.69	3.78	4.91	216.5	216.5	
GGA	2					6	8.70	3.91	4.79	210.5	210.5	
GGA	3					6	8.70	3.52	5.18	230	230	
L4481-02	1	No	7.2	N/A	17.20	0.5	8.70	6.81	-	0	370.33	
L4481-02	2					1	8.68	6.59	2.09	453		
L4481-02	3					2	8.67	5.81	2.86	342		
L4481-02	4					3	8.66	4.92	3.74	316		
L4481-02DUP	1	No	7.2	N/A	17.20	0.5	8.72	6.83	-	0	368.67	
L4481-02DUP	2					1	8.70	6.62	2.08	450		
L4481-02DUP	3					2	8.68	5.82	2.86	342		
L4481-02DUP	4					3	8.67	4.95	3.72	314		

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

WORKLIST(Hardcopy Internal Chain)

LB 111643

WorkList Name : BOD5-102120 WorkList ID : 143522 Department : Wet-Chemistry Date : 10-21-2020 10:05:56

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/23/2020	Water	L4481-02	BOD5	Cool 4 deg C	ARAM01	D11	COMP	10/21/2020	SM5210 B

Date/Time 10/21/20 14:10
 Received by: KS (Welch)
 Relinquished by: AM (Welch)

Date/Time 10/21/20 15:25
 Received by: AM (Welch)
 Relinquished by: KS (Welch)