

**BOD 7 LOG**

Analysis Date: 08/06/2020

QC BATCH ID: LB110401

ANALYST: jignesh

BOD Water: WP86038

SUPERVISOR: apatel

Starch: W2703

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2609

Alkaline Iodide Azide: W2472

POLYSEED: WP86040

Sodium Thiosulfate, 0.025N: WP84605

GGA: WP86039

NaOH, 0.25N: WP80974

Chlorine Strips: W2543

IncubatorID: INCUBATOR #3

pH Strips: W2716

Zero DO: WP85367

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	8.85
WINKLER 2	WINKLER 2	2	300	8.8	17.7	8.9	8.85

Meter Calibration1 : 8.85

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

Meter Calibration2 : 8.85

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



QC BATCH ID: LB110401

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 16:00

TIME OUT: 11:10

DATE IN: 08/06/2020

DATE OUT: 08/13/2020

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
LB110401BL	1	No	6.0	N/A	21.20	300	8.85	8.85	0	0	0	
POLYSEED	1					10	8.71	4.73	3.98	0.8	0.67	
POLYSEED	2					15	8.66	4.31	4.35	0.58		
POLYSEED	3					20	8.58	2.28	6.3	0.63		
GGA	1					6	8.78	3.74	5.04	218.5	218.5	
GGA	2					6	8.76	3.58	5.18	225.5	225.5	
GGA	3					6	8.76	3.63	5.13	223	223	
L3580-05	1	No	5.60	7.2	17.20	0.1	8.82	7.10	-	0	880.5	pH Adjusted
L3580-05	2					0.5	8.82	7.11	-	0		
L3580-05	3					2	8.81	2.27	6.54	880.5		
L3580-05	4					5	8.80	0.17	-	0		
L3580-05DUP	1	No	5.60	7.2	17.20	0.1	8.83	7.11	-	0	879	pH Adjusted
L3580-05DUP	2					0.5	8.84	7.12	-	0		
L3580-05DUP	3					2	8.83	2.30	6.53	879		
L3580-05DUP	4					5	8.81	0.19	-	0		
L3601-05	1	No	6.4	N/A	17.30	0.1	8.83	7.91	-	0	871.5	
L3601-05	2					0.5	8.82	7.90	-	0		
L3601-05	3					2	8.81	2.33	6.48	871.5		
L3601-05	4					5	8.80	0.21	-	0		

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

LB 110401

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod-7 13580 WorkList ID : 141190 Department : Wet-Chemistry Date : 08-06-2020 08:19:36

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
08/07/2020	Water	L3580-05 ✓	BOD_7	1:1 HNO3 to p	AMER08	J13	BOD	08/05/2020	SM5210 B
08/08/2020	Water	L3601-05 ✓	BOD_7	Cool 4 deg C	AMER08	J21	BOD	08/06/2020	SM5210 B

Date/Time 08/06/2020 15:10
Received by: gn (wetchem)
Relinquished by: KS (wetchem)

Date/Time 08/06/2020 18:00
Received by: KS (wetchem)
Relinquished by: gn (wetchem)