

**BOD5 LOG****Analysis Date:** 02/03/2020**QC BATCH ID:** LB107512**ANALYST:** jignesh**BOD Water:** WP81740**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP81741**Sodium Thiosulfate, 0.025N:** WP80247**GGA:** WP81742**NaOH, 0.25N:** WP80974**Chlorine Strips:** W2430**IncubatorID:** INCUBATOR #3**pH Strips:** W2644**Zero DO:** WP81261

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	8.2
WINKLER 2	WINKLER 2	2	300	8.3	16.4	8.1	8.2

Meter Calibration1 : 8.18

Zero DO Reading1 : 0.05 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.18

Zero DO Reading2 : 0.02 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB107512

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 16:10

TIME OUT: 11:00

DATE IN: 02/03/2020

DATE OUT: 02/08/2020

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
LB107512BL	1	No	7.2	N/A	21.20	300	8.18	8.18	0	0	0	
POLYSEED	1					10	8.08	2.20	5.88	1.18	0.83	
POLYSEED	2					15	8.05	3.04	5.01	0.67		
POLYSEED	3					20	7.92	1.66	6.26	0.63		
GGA	1					6	8.10	3.81	4.29	173	173	
GGA	2					6	8.08	3.69	4.39	178	178	
GGA	3					6	8.08	3.64	4.44	180.5	180.5	
L1355-01	1	No	7.2	N/A	20.70	0.5	8.11	6.82	-	0	211.3	
L1355-01	2					1	8.11	7.11	-	0		
L1355-01	3					2	8.10	4.98	3.12	343.5		
L1355-01	4					5	8.06	4.95	3.11	136.8		
L1355-01	5					10	7.98	2.03	5.95	153.6		
L1355-01DUP	1	No	7.2	N/A	20.70	0.5	8.12	6.61	-	0	176.8	
L1355-01DUP	2					1	8.10	7.58	-	0		
L1355-01DUP	3					2	8.08	5.73	2.35	228		
L1355-01DUP	4					5	8.05	5.01	3.04	132.6		
L1355-01DUP	5					10	7.95	1.46	6.49	169.8		
L1355-05	1	No	5.2	7.2	20.30	0.01	8.10	6.57	-	0	7650	pH Adjusted
L1355-05	2					0.05	8.10	5.96	2.14	7860		
L1355-05	3					0.1	8.09	4.78	3.31	7440		
L1355-05	4					0.5	8.09	0.10	-	0		
L1355-05	5					1	8.09	0.06	-	0		

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

LB107512

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD2032020 WorkList ID : 135657 Department : Wet-Chemistry Date : 02-03-2020 13:24:35

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/02/2020	Water	L1355-01	BOD5	Cool 4 deg C	HOLL01	L21	EFFLUENT	01/31/2020	SM5210 B
02/02/2020	Water	L1355-05	BOD5	Cool 4 deg C	HOLL01	L21	INFLUENT	01/31/2020	SM5210 B

Date/Time 2/03/2020 15:30
Received by: AM
Relinquished by: AM

Date/Time 2/03/2020 16:15
Received by: AM
Relinquished by: AM