

**BOD5 LOG****Analysis Date:** 07/01/2019**QC BATCH ID:** LB103733**ANALYST:** JIGNESH**BOD Water:** WP75920**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2482**Alkaline Iodide Azide:** W2472**POLYSEED:** WP75922**Sodium Thiosulfate, 0.025N:** WP74519**GGA:** W75921**NaOH, 0.25N:** WP71104**Chlorine Strips:** W2431**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP75800

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.1	8.1	8.2
WINKLER 2	WINKLER 2	2	300	8.1	16.4	8.3	8.2

Meter Calibration1 : 8.2

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

Meter Calibration2 : 8.20

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



QC BATCH ID: LB103733

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 13:39

TIME OUT: 09:30

DATE IN: 07/01/2019

DATE OUT: 07/06/2019

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
LB103733BL	1	No	6.0	N/A	20.00	300	8.19	8.19	0	0	0	
POLYSEED	1					10	8.14	3.96	4.18	0.84	0.8	
POLYSEED	2					15	8.10	2.42	5.68	0.76		
POLYSEED	3					20	8.10	0.30	-	0		
GGA	1					6	8.08	2.78	5.3	225	225	
GGA	2					6	8.10	3.15	4.95	207.5	207.5	
GGA	3					6	8.08	2.71	5.37	228.5	228.5	
K3611-02	1	No	8.0	N/A	20.30	2	8.19	7.35	-	0	33.12	
K3611-02	2					10	8.18	6.96	-	0		
K3611-02	3					50	8.15	1.83	6.32	33.12		
K3611-02	4					100	8.16	0.57	-	0		
K3611-02DUP	1	No	8.0	N/A	20.10	2	8.20	7.34	-	0	33	
K3611-02DUP	2					10	8.19	6.98	-	0		
K3611-02DUP	3					50	8.15	1.85	6.3	33		
K3611-02DUP	4					100	8.15	0.59	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB103733

WorkList Name : BOD070119		WorkList ID : 128127		Department : Wet-Chemistry		Date : 07-01-2019 14:48:27	
Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample
07/03/2019	Water	K3611-02	BOD5	Cool 4 deg C	M&MM01	L11	FE-19C
							07/01/2019
							SM5210 B

Date/Time 7/1/19 1515
 Received by: DB
 Relinquished by: PC

Date/Time 7/1/19 1540
 Received by: PC
 Relinquished by: RAB