

**BOD5 LOG****Analysis Date:** 08/12/2019**QC BATCH ID:** LB104550**ANALYST:** AMANDEEP**BOD Water:** WP77266**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2482**Alkaline Iodide Azide:** W2472**POLYSEED:** WP77268**Sodium Thiosulfate, 0.025N:** WP76828**GGA:** WP77267**NaOH, 0.25N:** WP71104**Chlorine Strips:** W2430**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP76490

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.00	8.8	8.8	8.8
WINKLER 2	WINKLER 2	2	300	8.8	17.6	8.8	8.8

Meter Calibration1 : 8.8

Zero DO Reading1 : 0.01 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.8

Zero DO Reading2 : 0.01 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB104550

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.7

TIME IN: 14:55

TIME OUT: 11:30

DATE IN: 08/12/2019

DATE OUT: 08/17/2019

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
LB104550BL	1	No	6.2	N/A	19.00	300	8.80	8.79	0.01	0.01	0.01	
POLYSEED	1					10	8.80	5.37	3.43	0.69	0.72	
POLYSEED	2					15	8.79	3.61	5.18	0.69		
POLYSEED	3					20	8.77	1.08	7.69	0.77		
GGA	1					6	8.79	3.68	5.11	219.5	219.5	
GGA	2					6	8.78	3.59	5.19	223.5	223.5	
GGA	3					6	8.79	3.85	4.94	211	211	
K4307-01	1	No	6.0	N/A	19.50	5	8.80	8.60	-	0	27.75	
K4307-01	2					20	8.77	6.20	2.57	27.75		
K4307-01	3					50	8.68	0.13	-	0		
K4307-01	4					150	8.35	0.10	-	0		
K4320-01	1	No	6.8	N/A	19.00	1	8.80	2.87	5.93	1563	1563	
K4320-01	2					5	8.80	0.13	-	0		
K4320-01	3					20	8.53	0.07	-	0		
K4320-01	4					50	7.82	0.06	-	0		
K4320-01DUP	1	No	6.8	N/A	19.00	1	8.80	2.86	5.94	1566	1566	
K4320-01DUP	2					5	8.80	0.14	-	0		
K4320-01DUP	3					20	8.53	0.07	-	0		
K4320-01DUP	4					50	7.82	0.05	-	0		

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

LB104550

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD081219

WorkList ID : 129724

Department : Wet-Chemistry

Date : 08-12-2019 14:30:39

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
08/13/2019	Water	K4307-01	BOD5	Cool 4 deg C	PHAR02	O42	32220008-3	08/11/2019	SM5210 B
08/09/2019	Water	K4320-01	BOD5	Cool 4 deg C	ARAM01	P42	COMP	08/07/2019	SM5210 B

Date/Time 08/12/19 14:45
Received by: CT
Relinquished by: PS

Date/Time 08/12/19 15:17
Received by: PS
Relinquished by: CT