

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 06/17/2021**QC BATCH ID:** LB115011**BOD Water:** WP91699**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2703**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** WP88863**Sodium Thiosulfate, 0.025N:** WP90938**POLYSEED:** WP91670**NaOH, 1N:** WP89699**GGA:** WP91671**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2543**GuageID:** 0511064**pH Strips:** W2716**Zero DO:** WP91586

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.0	9	8.95
WINKLER 2	WINKLER 2	2	300	9.0	17.9	8.9	8.95

Meter Calibration1: 8.49

Zero DO Reading1: 0.05 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg

Winkler titrated BOD fluid DO reading1: 8.88

After Incubation

Meter Calibration2: 8.79

Zero DO Reading2: 0.08 mg/L (<=0.2 Criteria)

Barometric Pressure2: 755 mmHg

Winkler titrated BOD fluid DO reading2: 8.80



QC BATCH ID: LB115011

INCUBATOR TEMP IN(C): 20.8

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 17:00

TIME OUT: 11:00

DATE IN: 06/17/2021

DATE OUT: 06/22/2021

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
LB115011BL	1	No	6.09	N/A	22.60	300	8.86	8.82	0.04	0.04	0.04	
POLYSEED	1					10	8.81	3.07	5.74	1.15	1.02	
POLYSEED	2					15	8.77	2.01	6.76	0.9		
POLYSEED	3					20	8.71	0.37	-	0		
GGA	1					6	8.73	4.48	4.25	161.5	173.17	
GGA	2					6	7.71	3.14	4.57	177.5		
GGA	3					6	8.71	4.08	4.63	180.5		
M2733-02	1	No	6.39	N/A	22.70	0.5	8.77	6.59	2.18	696	822	
M2733-02	2					1	8.75	4.54	4.21	957		
M2733-02	3					2	8.73	2.29	6.44	813		
M2733-02	4					3	8.72	0.22	-	0		
M2733-02DUP	1	No	6.39	N/A	22.70	0.5	8.77	6.11	2.66	984	783.5	
M2733-02DUP	2					1	8.76	5.73	3.03	603		
M2733-02DUP	3					2	8.75	2.64	6.11	763.5		
M2733-02DUP	4					3	8.74	0.42	-	0		

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

LB/KGA
WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-61721 WorkList ID : 149925 Department : Wet-Chemistry Date : 06-17-2021 13:00:55

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/18/2021	Water	M2733-02	BOD5	Cool 4 deg C	ARAM01	F61	COMP	06/16/2021	SM5210 B

Date/Time 06/17/2021 13:50
 Raw Sample Received by: AM (wet chem)
 Raw Sample Relinquished by: JN Out On Day

Date/Time 06/17/2021 17:10
 Raw Sample Received by: JN Out On Day
 Raw Sample Relinquished by: AM (wet chem)