

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 02/04/2021**QC BATCH ID:** LB113029**BOD Water:** WP89395**Starch:** W2703**Sulfuric acid, 1N:** W2609**POLYSEED:** WP89397**GGA:** WP89396**Chlorine Strips:** W2543**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2767**Alkaline Iodide Azide:** W2742**Sodium Thiosulfate, 0.025N:** WP88904**NaOH, 0.25N:** WP89214**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**Zero DO:** WP89399

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	8.9
WINKLER 2	WINKLER 2	2	300	9.0	17.8	8.8	8.9

Meter Calibration1: 8.60

Barometric Pressure1: 755 mmHg

Zero DO Reading1: 0.08 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.9

After Incubation

Meter Calibration2: 8.72

Barometric Pressure2: 760 mmHg

Zero DO Reading2: 0.16 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.87



QC BATCH ID: LB113029

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 12:30

TIME OUT: 12:00

DATE IN: 02/04/2021

DATE OUT: 02/09/2021

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
LB113029BL	1	No	6.0	N/A	21.20	300	8.87	8.87	0	0	0	
POLYSEED	1					10	8.83	4.27	4.56	0.91	0.91	
POLYSEED	2					15	8.82	0.48	-	0		
POLYSEED	3					20	8.84	0.39	-	0		
GGA	1					6	8.80	4.13	4.67	188	167.33	
GGA	2					6	8.77	4.64	4.13	161		
GGA	3					6	8.77	4.80	3.97	153		
M1306-02	1	No	6.4	N/A	18.20	0.5	8.85	7.35	-	0	618.5	
M1306-02	2					1	8.84	5.95	2.89	594		
M1306-02	3					2	8.83	4.03	4.8	583.5		
M1306-02	4					3	8.81	1.12	7.69	678		
M1306-02DUP	1	No	6.4	N/A	18.20	0.5	8.84	7.32	-	0	612.83	
M1306-02DUP	2					1	8.83	5.92	2.91	600		
M1306-02DUP	3					2	8.81	4.13	4.68	565.5		
M1306-02DUP	4					3	8.80	1.16	7.64	673		

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