

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 10/01/2021**QC BATCH ID:** LB116613**BOD Water:** WP93164**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2703**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** WP91648**Sodium Thiosulfate, 0.025N:** W2843**POLYSEED:** WP93166**NaOH, 1N:** WP91991**GGA:** WP93165**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2544**GuageID:** 0511064**pH Strips:** W2716**Zero DO:** WP92838

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.9	8.9	8.85
WINKLER 2	WINKLER 2	2	300	8.9	17.7	8.8	8.85

Meter Calibration1: 8.91

Zero DO Reading1: 0.09 mg/L (<=0.2 Criteria)

Barometric Pressure1: 765 mmHg

Winkler titrated BOD fluid DO reading1: 8.89

After Incubation

Meter Calibration2: 8.80

Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure2: 771 mmHg

Winkler titrated BOD fluid DO reading2: 8.70



QC BATCH ID: LB116613

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 14:30

TIME OUT: 12:00

DATE IN: 10/01/2021

DATE OUT: 10/06/2021

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
LB116613BL	1	No	6.0	N/A	20.20	300	8.90	8.78	0.12	0.12	0.12	
POLYSEED	1					10	8.80	5.47	3.33	0.67	0.72	
POLYSEED	2					15	8.78	3.02	5.76	0.77		
POLYSEED	3					20	8.82	1.73	7.09	0.71		
GGA	1					6	8.81	4.25	4.56	192	209.17	
GGA	2					6	8.80	3.95	4.85	206.5		
GGA	3					6	8.78	3.48	5.3	229		
M4028-01	1	No	6.02	N/A	20.50	5	8.82	7.49	-	0	4.92	
M4028-01	2					20	8.80	7.39	-	0		
M4028-01	3					50	8.78	7.05	-	0		
M4028-01	4					150	8.76	5.58	3.18	4.92		
M4028-01DUP	1	No	6.02	N/A	20.50	5	8.81	7.50	-	0	4.88	
M4028-01DUP	2					20	8.80	7.40	-	0		
M4028-01DUP	3					50	8.78	7.08	-	0		
M4028-01DUP	4					150	8.76	5.60	3.16	4.88		
M4028-03	1	No	6.80	N/A	20.70	5	8.85	5.74	3.11	143.4	51.26	
M4028-03	2					20	8.83	5.70	3.13	36.15		
M4028-03	3					50	8.80	4.95	3.85	18.78		
M4028-03	4					150	8.78	4.70	4.08	6.72		
M4028-05	1	No	6.82	N/A	20.80	5	8.82	6.23	2.59	112.2	42.99	
M4028-05	2					20	8.80	5.65	3.15	36.45		
M4028-05	3					50	9.04	5.40	3.64	17.52		
M4028-05	4					150	8.85	5.23	3.62	5.8		
M4028-07	1	No	6.80	N/A	20.60	5	8.83	6.46	2.37	99	35.24	
M4028-07	2					20	8.80	6.29	2.51	26.85		
M4028-07	3					50	8.78	6.20	2.58	11.16		
M4028-07	4					150	8.76	6.06	2.7	3.96		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod10121

WorkList ID : 152824

Department : Wet-Chemistry

Date : 10-01-2021 13:34:17

LB 116613

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/02/2021	Water	M4028-01	BOD5	Cool 4 deg C	LOCK01	J61	GW-1	09/30/2021	SM5210 B
10/02/2021	Water	M4028-03	BOD5	Cool 4 deg C	LOCK01	J61	GW-2	09/30/2021	SM5210 B
10/02/2021	Water	M4028-05	BOD5	Cool 4 deg C	LOCK01	J61	GW-4	09/30/2021	SM5210 B
10/02/2021	Water	M4028-07	BOD5	Cool 4 deg C	LOCK01	J61	GW-3	09/30/2021	SM5210 B

Date/Time 10/1/21 13:35
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time 10/1/21 14:30
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)