



BOD5 LOG

ANALYST: jigneshSUPERVISOR: apatelAnalysis Date: 09/01/2021QC BATCH ID: LB116106BOD Water: WP92755Starch: W2703Sulfuric acid, 1N: WP88863POLYSEED: WP92757GGA: WP92756Chlorine Strips: W2543pH Strips: W2716MANGANOUS SULFATE SOLUTION: W2767Alkaline Iodide Azide: W2742Sodium Thiosulfate, 0.025N: W2843NaOH, 1N: WP91991IncubatorID: INCUBATOR #3GuageID: 0511064Zero DO: WP92454

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.3	8.3	8.35
WINKLER 2	WINKLER 2	2	300	8.3	16.7	8.4	8.35

Meter Calibration1: 8.28Barometric Pressure1: 760 mmHgZero DO Reading1: 0.10 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading1: 8.27**After Incubation**Meter Calibration2: 8.25Barometric Pressure2: 760 mmHgZero DO Reading2: 0.11 mg/L (<=0.2 Criteria)Winkler titrated BOD fluid DO reading2: 8.20



QC BATCH ID: LB116106

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.03

TIME IN: 14:00

TIME OUT: 11:00

DATE IN: 09/01/2021

DATE OUT: 09/06/2021

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
LB116106BL	1	No	6.0	N/A	21.20	300	8.20	8.18	0.02	0.02	0.02	
POLYSEED	1					10	8.00	3.70	4.3	0.86	0.75	
POLYSEED	2					15	7.91	2.35	5.56	0.74		
POLYSEED	3					20	7.83	1.21	6.62	0.66		
GGA	1					6	8.70	4.15	4.55	190	168.67	
GGA	2					6	8.62	4.66	3.96	160.5		
GGA	3					6	8.56	4.70	3.86	155.5		
M3625-02	1	No	7.20	N/A	20.50	0.5	7.85	6.16	-	0	295.5	
M3625-02	2					1	7.72	6.05	-	0		
M3625-02	3					2	7.63	4.92	2.71	294		
M3625-02	4					3	7.56	3.84	3.72	297		
M3625-02DUP	1	No	7.20	N/A	20.50	0.5	7.84	6.19	-	0	289.5	
M3625-02DUP	2					1	7.70	6.07	-	0		
M3625-02DUP	3					2	7.60	4.95	2.65	285		
M3625-02DUP	4					3	7.55	3.86	3.69	294		

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

WORKLIST(Hardcopy Internal Chain)

LB 116106

WorkList Name : bod9121 WorkList ID : 151937 Department : Wet-Chemistry Date : 09-01-2021 13:28:09

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/03/2021	Water	M3625-02 B	BOD5	Cool 4 deg C	ARAM01	COMP		09/01/2021	SM5210 B

Date/Time 09/01/21 13:30
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: JP (WC)

Date/Time 09/01/21 14:05
 Raw Sample Received by: JP (WC)
 Raw Sample Relinquished by: KS (WC)