



BOD Soluble LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB126401

Analysis Date: 07/12/2023

BOD Water: WP103046

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP100509

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP103218

NaOH, 1N: WP101216

GGA: WP103217

IncubatorID: INCUBATOR #3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W3006

Zero DO: WP103062

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.7	8.7	8.7
WINKLER 2	WINKLER 2	2	300	8.7	17.4	8.7	8.7

Meter Calibration1: 8.68

Zero DO Reading1: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg

DO Meter BOD fluid reading for winkler comparison: 8.72

After Incubation

Meter Calibration2: 8.68

Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)

Barometric Pressure2: 760 mmHg



QC BATCH ID: LB126401

INCUBATOR TEMP IN(C): 20.7

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 16:30

TIME OUT: 14:00

DATE IN: 07/12/2023

DATE OUT: 07/17/2023

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
LB126401BL	1	No	6.67	N/A	20.60	300	8.71	8.69	0.02	0.02	0.02	
POLYSEED	1					10	8.67	5.29	3.38	0.68	0.62	
POLYSEED	2					15	8.63	4.02	4.61	0.61		
POLYSEED	3					20	8.59	2.96	5.63	0.56		
GGA	1					6	8.66	4.69	3.97	167.5	175	
GGA	2					6	8.65	4.51	4.14	176		
GGA	3					6	8.63	4.38	4.25	181.5		
O3578-08	1	No	7.97	7.44	20.40	2	8.68	7.19	-	0	42.57	pH Adjusted
O3578-08	2					10	8.66	6.29	2.37	52.5		
O3578-08	3					50	8.65	2.59	6.06	32.64		
O3578-08	4					100	8.63	0.27	-	0		
O3578-08DUP	1	No	7.97	7.44	20.40	2	8.65	7.06	-	0	43.62	pH Adjusted
O3578-08DUP	2					10	8.63	6.21	2.42	54		
O3578-08DUP	3					50	8.62	2.46	6.16	33.24		
O3578-08DUP	4					100	8.61	0.19	-	0		

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

NOTE: 0.16 g Nitrification Inhibitor added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

LB126401

WorkList Name : bod5 sb-7-12

WorkList ID : 171787

Department : Wet-Chemistry

Date : 07-12-2023 07:53:19

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3578-08	6CS	Water	BOD Soluble	Cool 4 deg C	M&MM01	I11	07/11/2023	SM5210 B

Date/Time 07/12/2023 15:00
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: JBLCC

Date/Time 07/12/2023 16:40
 Raw Sample Received by: JBLCC
 Raw Sample Relinquished by: RM CWC