



CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: jignesh

QC BATCH ID: LB126879

Analysis Date: 08/16/2023

BOD Water: WP103763

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP102923

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP103765

NaOH, 1N: WP101216

GGA: WP103764

IncubatorID: INCUBATOR #3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W3006

Zero DO: WP103555

Nitrification Inhibitor: W2792

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.1	9.1	9.1
WINKLER 2	WINKLER 2	2	300	9.1	18.2	9.1	9.1

Meter Calibration1: 9.09

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

Barometric Pressure1: 760 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.14

After Incubation

Meter Calibration2: 8.79

Zero DO Reading2: 0.12 mg/L (<=0.2 Criteria)

Barometric Pressure2: 760 mmHg



QC BATCH ID: LB126879

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 09:30

TIME OUT: 10:30

DATE IN: 08/16/2023

DATE OUT: 08/21/2023

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
LB126879BL	1	No	6.77	N/A	20.40	300	9.13	9.12	0.01	0.01	0.01	
POLYSEED	1					10	9.12	5.98	3.14	0.63	0.59	
POLYSEED	2					15	9.10	4.72	4.38	0.58		
POLYSEED	3					20	9.09	3.34	5.75	0.57		
GGA	1					6	9.03	4.86	4.17	179	186.67	
GGA	2					6	9.02	4.37	4.65	203		
GGA	3					6	9.01	4.86	4.15	178		
O3928-01	1	No	7.17	N/A	20.70	5	9.05	7.70	-	0		
O3928-01	2					20	9.02	7.51	-	0		
O3928-01	3					50	9.00	7.40	-	0		
O3928-01	4					150	8.96	7.05	-	0		
O3928-01DUP	1	No	7.17	N/A	20.70	5	9.03	7.61	-	0		
O3928-01DUP	2					20	9.02	7.44	-	0		
O3928-01DUP	3					50	8.98	7.29	-	0		
O3928-01DUP	4					150	8.94	7.05	-	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)

66126879

WorkList Name : cbod5 8-8

WorkList ID : 172536

Department : Wet-Chemistry

Date : 08-08-2023 07:56:55

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3928-01B	MANHOLE	Water	CBOD5	Cool 4 deg C	WAYNE03	N11	08/15/2023	SM5210 B

Date/Time 08/16/2023 08:00
 Raw Sample Received by: RM CWL
 Raw Sample Relinquished by: BS C DL-7

Date/Time 08/16/2023 09:45
 Raw Sample Received by: RM CWL
 Raw Sample Relinquished by: RM CWL