



CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB122820

Analysis Date: 11/09/2022

BOD Water: WP99806

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2766

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP97258

Sodium Thiosulfate, 0.025N: W2941

POLYSEED: WP99808

NaOH, 1N: WP97250

GGA: WP99807

IncubatorID: INCUBATOR #3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W2716

Zero DO: WP99822

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	8.75	8.75	8.75
WINKLER 2	WINKLER 2	2	300	8.75	17.5	8.75	8.75

Meter Calibration1: 9.30

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

Barometric Pressure1: 771 mmHg

Winkler titrated BOD fluid DO reading1: 8.74

After Incubation

Meter Calibration2: 9.12

Zero DO Reading2: 0.07 mg/L (≤ 0.2 Criteria)

Barometric Pressure2: 765 mmHg

Winkler titrated BOD fluid DO reading2: 8.67



QC BATCH ID: LB122820

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 12:45

TIME OUT: 14:20

DATE IN: 11/09/2022

DATE OUT: 11/14/2022

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
LB122820BL	1	No	6.9	N/A	20.10	300	8.72	8.63	0.09	0.09	0.09	
POLYSEED	1					10	8.72	4.98	3.74	0.75	0.64	
POLYSEED	2					15	8.68	4.70	3.98	0.53		
POLYSEED	3					20	8.62	2.30	6.32	0.63		
GGA	1					6	8.65	4.18	4.47	191.5	181.33	
GGA	2					6	8.70	4.90	3.8	158		
GGA	3					6	8.69	4.16	4.53	194.5		
N5534-01	1	No	7.38	N/A	20.20	5	8.69	8.40	-	0		
N5534-01	2					20	8.67	8.38	-	0		
N5534-01	3					50	8.50	8.09	-	0		
N5534-01	4					150	7.81	7.60	-	0		
N5534-01DUP	1	No	7.38	N/A	20.20	5	8.70	8.38	-	0		
N5534-01DUP	2					20	8.69	8.27	-	0		
N5534-01DUP	3					50	8.67	8.08	-	0		
N5534-01DUP	4					150	8.65	7.70	-	0		

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

WORKLIST(Hardcopy Internal Chain)

6b122820

WorkList Name : cbod11-9

WorkList ID : 164874

Department : Wet-Chemistry

Date : 11-09-2022 14:15:14

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/10/2022	Water	N5534-01	CBOD5	Cool 4 deg C	loui01	B-3(OW)		11/08/2022	SM5210 B

Date/Time 11/9/22 12:00
 Raw Sample Received by: RM (WC)
 Raw Sample Relinquished by: CP (SM)

Date/Time 11/9/22 12:45
 Raw Sample Received by: CP (SM)
 Raw Sample Relinquished by: RM (WC)