



CBOD5 LOG

ANALYST: ketankumar

SUPERVISOR: apatel

Analysis Date: 01/29/2021

QC BATCH ID: LB112989

BOD Water: WP89330

Starch: W2703

Sulfuric acid, 1N: W2609

POLYSEED: WP89332

GGA: WP89331

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: WP88904

NaOH, 0.25N: WP86593

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP88838

Nitrification Inhibitor: W2320

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.6	8.6	8.7
WINKLER 2	WINKLER 2	2	300	8.6	17.4	8.8	8.7

Meter Calibration1: 8.65

Barometric Pressure1: 760 mmHg

Zero DO Reading1: 0.05 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.70

After Incubation

Meter Calibration2: 8.54

Barometric Pressure2: 750 mmHg

Zero DO Reading2: 0.14 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.70



QC BATCH ID: LB112989

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 12:00

TIME OUT: 13:30

DATE IN: 01/29/2021

DATE OUT: 02/03/2021

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
LB112989BL	1	No	6.0	N/A	21.00	300	8.70	8.63	0.07	0.07	0.07	
POLYSEED	1					10	8.68	2.75	5.93	1.19	1.19	
POLYSEED	2					15	8.67	0.87	-	0		
POLYSEED	3					20	8.67	0.53	-	0		
GGA	1					6	8.67	4.36	4.31	156	183.17	
GGA	2					6	8.63	3.69	4.94	187.5		
GGA	3					6	8.66	3.35	5.31	206		
M1278-01	1	No	6.4	N/A	21.00	5	8.67	7.44	-	0	28.2	
M1278-01	2					20	8.60	5.53	3.07	28.2		
M1278-01	3					50	8.39	0.66	-	0		
M1278-01	4					150	7.59	0.14	-	0		
M1278-01DUP	1	No	6.4	N/A	21.10	5	8.69	7.46	-	0	28.35	
M1278-01DUP	2					20	8.63	5.55	3.08	28.35		
M1278-01DUP	3					50	8.41	0.70	-	0		
M1278-01DUP	4					150	7.60	0.20	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : cbod12921

WorkList ID : 146065

Department : Wet-Chemistry

Date : 01-29-2021 09:40:35

28 112989

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/30/2021	Water	M1278-01	CBOD5	Cool 4 deg C	TULL02	TRANSIT-AUTHORITY-149Tt	01/28/2021	SM5210 B	

Date/Time 01/29/21 11:35
 Received by: KS (Welcher)
 Relinquished by: JH (Welcher)

Date/Time 01/29/21 12:40
 Received by: JH (Welcher)
 Relinquished by: KS (Welcher)