

CBOD5 LOG

ANALYST: rubina

SUPERVISOR: Iwona

Analysis Date: 03/12/2025

QC BATCH ID: LB135003

BOD Water: WP112274

MANGANOUS SULFATE SOLUTION: W3103

Starch: W3149

Alkaline Iodide Azide: W3109

Sulfuric acid, 1N: WP110386

Sodium Thiosulfate, 0.025N: W3105

POLYSEED: WP112276

NaOH, 1N: WP111323

GGA: WP112275

IncubatorID: INCUBATOR #3

Chlorine Strips: W3155

GuageID: 0511062

pH Strips: W3140

Zero DO: WP112277

Nitrification Inhibitor: W3064

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.4	9.4	9.4
WINKLER 2	WINKLER 2	2	300	9.7	19.1	9.4	9.4

Meter Calibration1: 9.14

Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg DO Meter BOD fluid reading for winkler comparison: 9.46

After Incubation

Meter Calibration2: 8.26

Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure2: 755 mmHg

QC BATCH ID: LB135003

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 15:45

TIME OUT: 14:15

DATE IN: 03/12/2025

DATE OUT: 03/17/2025

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
LB135003BL	1	No	6.64	N/A	20.90	300	9.45	9.43	0.02	0.02	0.02	
POLYSEED	1					10	9.42	4.86	4.56	0.91	0.78	
POLYSEED	2					15	9.37	3.45	5.92	0.79		
POLYSEED	3					20	9.31	2.91	6.4	0.64		
GGA	1					6	9.44	4.93	4.51	186.5	197.17	
GGA	2					6	9.42	4.61	4.81	201.5		
GGA	3					6	9.42	4.57	4.85	203.5		
Q1505-03	1	No	2.63	7.47	20.80	1	9.42	8.62	-	0	74.85	pH Adjusted
Q1505-03	2					5	9.40	7.79	-	0		
Q1505-03	3					20	9.33	3.56	5.77	74.85		
Q1505-03	4					50	9.30	0.43	-	0		
Q1505-03	5					100	9.28	0.08	-	0		

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

NOTE (For, CBOD5): 0.16 g Nitrification Inhibitor added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

6135003

WorkList Name : cbod5-3-12

WorkList ID : 188231

Department : Wet-Chemistry

Date : 03-12-2025 13:41:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1505-03	PT-DEM-WP	Water	CBOD5	Cool 4 deg C	ALLI03	QA Of	03/03/2025	SM5210 B

Date/Time 03/12/2025 13:50
Raw Sample Received by: RM (WC)
Raw Sample Relinquished by: SJ (QA0)

Date/Time N/A
Raw Sample Received by: "
Raw Sample Relinquished by: "