

BOD5 LOG

ANALYST: rubin

SUPERVISOR: Iwona

Analysis Date: 03/12/2025

MANGANOUS SULFATE SOLUTION: W3103

Alkaline Iodide Azide: W3109

Sodium Thiosulfate, 0.025N: W3105

NaOH, 1N: WP111323

IncubatorID: INCUBATOR #3

GuageID: 0511062

Zero DO: WP112277

QC BATCH ID: LB135002

BOD Water: WP112274

Starch: W3149

Sulfuric acid, 1N: WP110386

POLYSEED: WP112276

GGA: WP112275

Chlorine Strips: W3155

pH Strips: W3140

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: LB135002

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
LB135002BL	1	No	6.64	N/A	20.90	300	9.45	9.43	0.02	0.02	0.02	
POLYSEED	1					10	9.39	4.93	4.46	0.89	0.77	
POLYSEED	2					15	9.34	3.50	5.84	0.78		
POLYSEED	3					20	9.31	2.89	6.42	0.64		
GGA	1					6	9.43	4.96	4.47	185	196.67	
GGA	2					6	9.43	4.70	4.73	198		
GGA	3					6	9.41	4.50	4.91	207		
Q1505-03	1	No	2.63	7.47	20.80	1	9.45	7.97	-	0	79.8	pH Adjusted
Q1505-03	2					5	9.43	7.50	-	0		
Q1505-03	3					20	9.41	3.32	6.09	79.8		
Q1505-03	4					50	9.39	0.13	-	0		
Q1505-03	5					100	9.35	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)

LB135002

WorkList Name : bod5-3-12

WorkList ID : 188230

Department : Wet-Chemistry

Date : 03-12-2025 13:41:46

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1505-03	PT-DEM-WP	Water	BOD5	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 11/4
Raw Sample Received by: 11
Raw Sample Relinquished by: 11