

BOD5 LOG

ANALYST: rubin

SUPERVISOR: Iwona

Analysis Date: 09/17/2025

MANGANOUS SULFATE SOLUTION: W3103

Alkaline Iodide Azide: W3109

Sodium Thiosulfate, 0.025N: W3105

NaOH, 1N: WP113878

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP114418

QC BATCH ID: LB137232

BOD Water: WP114800

Starch: W3149

Sulfuric acid, 1N: WP112832

POLYSEED: WP114802

GGA: WP114801

Chlorine Strips: W3155

pH Strips: W3215

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.6	9.6	9.6
WINKLER 2	WINKLER 2	2	300	9.8	19.4	9.6	9.6

Meter Calibration1: 9.24 Zero DO Reading1: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg DO Meter BOD fluid reading for winkler comparison: 9.69

After Incubation

Meter Calibration2: 8.79 Zero DO Reading2: 0.12 mg/L (<=0.2 Criteria)

Barometric Pressure2: 760 mmHg

QC BATCH ID: LB137232

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 17:40

TIME OUT: 14:00

DATE IN: 09/17/2025

DATE OUT: 09/22/2025

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
LB137232BL	1	No	6.63	N/A	20.90	300	9.69	9.67	0.02	0.02	0.02	
POLYSEED	1					10	9.65	6.16	3.49	0.7	0.72	
POLYSEED	2					15	9.62	4.02	5.6	0.75		
POLYSEED	3					20	9.59	2.48	7.11	0.71		
GGA	1					6	9.64	5.57	4.07	167.5	173.67	
GGA	2					6	9.62	5.40	4.22	175		
GGA	3					6	9.62	5.33	4.29	178.5		
Q3125-02	1	No	8.57	6.99	20.10	5	9.48	7.79	-	0	538.17	pH Adjusted
Q3125-02	2					10	9.43	6.82	2.61	567		
Q3125-02	3					20	9.31	5.48	3.83	466.5		
Q3125-02	4					30	9.19	2.66	6.53	581		
Q3125-02DUP	1	No	8.57	6.99	20.10	5	9.47	7.81	-	0	543.5	pH Adjusted
Q3125-02DUP	2					10	9.42	6.87	2.55	549		
Q3125-02DUP	3					20	9.29	5.32	3.97	487.5		
Q3125-02DUP	4					30	9.17	2.51	6.66	594		

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)

6137832

WorkList Name : bod5-3125

WorkList ID : 191940

Department : Wet-Chemistry

Date : 09-17-2025 16:27:08

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3125-02	Comp	Water	BOD5	Cool 4 deg C	ARAM01	J21	09/17/2025	SM5210 B

Date/Time 09/17/2025 16.50
 Raw Sample Received by: RMW
 Raw Sample Relinquished by: RMW

Date/Time 09/17/2025 17.30
 Raw Sample Received by: RMW
 Raw Sample Relinquished by: RMW