

BOD5 LOG

ANALYST: rubin
Inst Id :DO METER
LB :LB138057

Reviewed By:Iwona
On:12/1/2025 4:34:50
PM

SUPERVISOR: Iwona

QC BATCH ID: LB138057

Analysis Date: 11/26/2025

BOD Water: WP115841

MANGANOUS SULFATE SOLUTION: W3103

Starch: W3149

Alkaline Iodide Azide: W3109

Sulfuric acid, 1N: WP115342

Sodium Thiosulfate, 0.025N: W3248

POLYSEED: WP115843

NaOH, 1N: WP113878

GGA: WP115842

IncubatorID: INCUBATOR #3

Chlorine Strips: W3155

GuageID: 0511064

pH Strips: W3241

Zero DO: WP115341

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: 9.27 Zero DO Reading1: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure1: 750 mmHg DO Meter BOD fluid reading for winkler comparison: 9.69

After Incubation

Meter Calibration2: 8.52 Zero DO Reading2: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg

QC BATCH ID: LB138057

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 19:40

TIME OUT: 15:00

DATE IN: 11/26/2025

DATE OUT: 12/01/2025

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
LB138057BL	1	No	6.65	N/A	20.80	300	9.68	9.66	0.02	0.02	0.02	
POLYSEED	1					10	9.62	6.16	3.46	0.69	0.68	
POLYSEED	2					15	9.60	4.48	5.12	0.68		
POLYSEED	3					20	9.56	2.99	6.57	0.66		
GGA	1					6	9.57	5.20	4.37	184.5	186	
GGA	2					6	9.55	5.14	4.41	186.5		
GGA	3					6	9.54	5.12	4.42	187		
Q3730-02	1	No	6.55	N/A	20.00	5	9.49	7.52	-	0	603.75	
Q3730-02	2					10	9.30	6.54	2.76	624		
Q3730-02	3					20	8.88	4.31	4.57	583.5		
Q3730-02	4					30	8.83	0.96	-	0		
Q3730-02DUP	1	No	6.55	N/A	20.00	5	9.48	7.54	-	0	563.25	
Q3730-02DUP	2					10	9.31	6.70	2.61	579		
Q3730-02DUP	3					20	8.86	4.53	4.33	547.5		
Q3730-02DUP	4					30	8.81	0.82	-	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)

6138057

WorkList Name : bod5-11-26

WorkList ID : 193360

Department : Wet-Chemistry

Date : 11-26-2025 11:52:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3730-02	Comp	Water	BOD5	Cool 4 deg C	ARAM01	A11	11/26/2025	SM5210 B

Date/Time 11/26/2025 18.46
Raw Sample Received by: RM Lw
Raw Sample Relinquished by: JRLW

Date/Time 11/26/2025 19.0
Raw Sample Received by: JRLW
Raw Sample Relinquished by: RM Lw