

BOD5 LOG

ANALYST: rubina

SUPERVISOR: Iwona

Analysis Date: 11/26/2025

QC BATCH ID: LB138043

BOD Water: WP115841

Starch: W3149

Sulfuric acid, 1N: WP115342

POLYSEED: WP115843

GGA: WP115842

Chlorine Strips: W3155

pH Strips: W3241

MANGANOUS SULFATE SOLUTION: W3103

Alkaline Iodide Azide: W3109

Sodium Thiosulfate, 0.025N: W3248

NaOH, 1N: WP113878

IncubatorID: INCUBATOR #3

GuageID: 0511064

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: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure1: 755 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.69

After Incubation

Meter Calibration2: 8.52

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

Barometric Pressure2: 765 mmHg

QC BATCH ID: LB138043

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 19.7

TIME IN: 09:20

TIME OUT: 11:00

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
LB138043BL	1	No	6.65	N/A	20.80	300	9.68	9.66	0.02	0.02	0.02	
POLYSEED	1					10	9.66	6.17	3.49	0.7	0.69	
POLYSEED	2					15	9.60	4.46	5.14	0.69		
POLYSEED	3					20	9.58	2.92	6.66	0.67		
GGA	1					6	9.56	5.24	4.32	181.5	186.67	
GGA	2					6	9.55	5.09	4.46	188.5		
GGA	3					6	9.55	5.06	4.49	190		
Q3716-01	1	No	6.52	N/A	20.10	5	9.56	7.62	-	0	29.13	
Q3716-01	2					20	8.94	6.05	2.89	33		
Q3716-01	3					50	8.33	3.43	4.9	25.26		
Q3716-01	4					150	5.75	0.78	-	0		
Q3716-02	1	No	6.73	N/A	20.00	5	9.32	8.89	-	0		
Q3716-02	2					20	9.16	8.48	-	0		
Q3716-02	3					50	9.14	8.17	-	0		
Q3716-02	4					150	9.00	8.02	-	0		
Q3716-02DUP	1	No	6.73	N/A	20.00	5	9.33	8.82	-	0		
Q3716-02DUP	2					20	9.18	8.59	-	0		
Q3716-02DUP	3					50	9.13	8.15	-	0		
Q3716-02DUP	4					150	9.00	8.09	-	0		
Q3716-03	1	No	6.82	N/A	20.00	5	9.41	8.84	-	0	9.5	
Q3716-03	2					20	9.29	8.54	-	0		
Q3716-03	3					50	8.28	5.78	2.5	10.86		
Q3716-03	4					150	7.80	3.04	4.76	8.14		
Q3716-04	1	No	6.58	N/A	20.00	5	9.51	6.74	2.77	124.8	111.97	
Q3716-04	2					20	8.93	1.63	7.3	99.15		
Q3716-04	3					50	8.01	0.71	-	0		
Q3716-04	4					150	5.97	0.26	-	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)

66138043

WorkList Name : bod5-q3716

WorkList ID : 193335

Department : Wet-Chemistry

Date : 11-25-2025 08:32:30

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3716-01	MW5	Water	BOD5	Cool 4 deg C	GENV01	E22	11/24/2025	SM5210 B
Q3716-02	MW3	Water	BOD5	Cool 4 deg C	GENV01	E22	11/24/2025	SM5210 B
Q3716-03	MW4	Water	BOD5	Cool 4 deg C	GENV01	E22	11/24/2025	SM5210 B
Q3716-04	MW7	Water	BOD5	Cool 4 deg C	GENV01	E22	11/24/2025	SM5210 B

Date/Time 11/26/2025 07:30
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: JRCWC

Date/Time 11/26/2025 09:30
 Raw Sample Received by: JRCWC
 Raw Sample Relinquished by: RM CWC