Reviewed By:Iwona
On:10/6/2025 1:45:50 PM
Inst Id :DO METER
LB :LB137388

BOD5 LOG

ANALYST: rubir
SUPERVISOR: Iwona

QC BATCH ID: LB137388
Analysis Date: 10/01/2025
BOD Water: WP114992
MANGANOUS SULFATE SOLUTION: W3103
Starch: W3149
Alkaline Iodide Azide: W3109
Sulfuric acid, 1N: WP112832
Sodium Thiosulfate, 0.025N: W3105
POLYSEED: WP114994
NaOH, 1N: WP113878
GGA: WP114993
IncubatorID: INCUBATOR #3
Chlorine Strips: W3155
GuageID: 0511064
pH Strips: W3215
Zero DO: WP114920

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: 9.45 Zero DO Reading1: 0.12 mg/L (<=0.2 Criteria)

Barometric Pressure1: 765 mmHg DO Meter BOD fluid reading for winkler comparison: 9.67

After Incubation

Meter Calibration2: 8.34 Zero DO Reading2: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg

Alliance TECHNICAL GROUP

QC BATCH ID: LB137388

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 17:40

TIME OUT: 13:00

DATE IN: 10/01/2025

DATE OUT: 10/06/2025

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
LB137388BL	1	No	9.65	N/A	20.80	300	9.66	9.64	0.02	0.02	0.02	
POLYSEED	1					10	9.62	6.31	3.31	0.66	0.66	
POLYSEED	2					15	9.60	4.63	4.97	0.66		
POLYSEED	3					20	9.57	3.06	6.51	0.65		
GGA	1					6	9.60	5.41	4.19	176.5	181.33	
GGA	2					6	9.60	5.29	4.31	182.5		
GGA	3					6	9.58	5.22	4.36	185		
Q3258-06	1	No	9.22	7.31	20.00	5	9.42	2.95	6.47	348.6	348.6	pH Adjuste
Q3258-06	2					20	9.40	0.58	-	0		
Q3258-06	3					50	8.97	0.13	-	0		
Q3258-06	4					150	7.27	0.10	-	0		
Q3260-02	1	No	6.92	N/A	20.00	5	9.47	2.57	6.9	3744	3015	
Q3260-02	2					10	9.45	1.17	8.28	2286		
Q3260-02	3					20	9.27	0.24	-	0		
Q3260-02	4					30	9.14	0.20	-	0		
Q3260-02DUP	1	No	6.92	N/A	20.00	5	9.45	2.72	6.73	3642	2931	
Q3260-02DUP	2					10	9.42	1.36	8.06	2220		
Q3260-02DUP	3					20	9.25	0.87	-	0		
Q3260-02DUP	4					30	9.15	0.20	-	0		
Q3263-01	1	No	8.53	7.04	20.40	5	9.47	8.87	-	0		pH Adjuste
Q3263-01	2					20	9.45	8.64	-	0		
Q3263-01	3					50	9.30	8.40	-	0		
Q3263-01	4					150	9.15	7.91	-	0		
Q3263-02	1	No	7.60	7.33	20.40	5	9.51	8.84	-	0		pH Adjuste
Q3263-02	2					20	9.50	8.60	-	0		
Q3263-02	3					50	9.45	8.45	-	0		
Q3263-02	4					150	9.24	8.11	-	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.

LB137388

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod5-3260 **WorkList ID :** 192224 **Department :** Wet-Chemistry **Date :** 10-01-2025 16:20:48

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3260-02	COMP	Water	BOD5	Cool 4 deg C	ARAM01	D31	10/01/2025	SM5210 B

Date/Time 10/01/2025 16.40
Raw Sample Received by: RM (WC)
Raw Sample Relinquished by: JP(COC)

Date/Time 10/01/2025 17.30
Raw Sample Received by: JP(COC)
Raw Sample Relinquished by: RM (WC)

LB137388

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod5-10-01 **WorkList ID :** 192221 **Department :** Wet-Chemistry **Date :** 10-01-2025 14:55:26

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3258-06	COMPOSITE	Water	BOD5	Cool 4 deg C	DALT01	D31	09/30/2025	SM5210 B
Q3263-01	251818	Water	BOD5	Cool 4 deg C	PSEG03	D31	10/01/2025	SM5210 B
Q3263-02	266380	Water	BOD5	Cool 4 deg C	PSEG03	D31	10/01/2025	SM5210 B

Date/Time 10/01/2025 15.30
Raw Sample Received by: RM (WC)
Raw Sample Relinquished by: JP(COC)

Date/Time 10/01/2025 17.30
Raw Sample Received by: JP(COC)
Raw Sample Relinquished by: RM(WC)