

BOD 7 LOG

ANALYST: rubina

SUPERVISOR: jignesh

Analysis Date: 08/08/2025

QC BATCH ID: LB136754

BOD Water: WP114228

Starch: W3149

Sulfuric acid, 1N: WP112832

POLYSEED: WP114230

GGA: WP114229

Chlorine Strips: W3155

pH Strips: W3215

MANGANOUS SULFATE SOLUTION: W3103

Alkaline Iodide Azide: W3109

Sodium Thiosulfate, 0.025N: W3105

NaOH, 1N: WP113878

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP114055

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.8	9.8	9.8
WINKLER 2	WINKLER 2	2	300	10.00	19.8	9.8	9.8

Meter Calibration1: 9.41

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

Barometric Pressure1: 765 mmHg DO Meter BOD fluid reading for winkler comparison: 9.98

After Incubation

Meter Calibration2: 8.94

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

Barometric Pressure2: 760 mmHg

QC BATCH ID: LB136754

INCUBATOR TEMP IN(C): 19.8

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 10:20

TIME OUT: 08:00

DATE IN: 08/08/2025

DATE OUT: 08/15/2025

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
LB136754BL	1	No	6.81	N/A	20.80	300	9.98	9.96	0.02	0.02	0.02	
POLYSEED	1					10	9.95	7.76	2.19	0.44	0.56	
POLYSEED	2					15	9.91	5.46	4.45	0.59		
POLYSEED	3					20	9.85	3.30	6.55	0.66		
GGA	1					6	9.90	5.58	4.32	188	195	
GGA	2					6	9.92	5.48	4.44	194		
GGA	3					6	9.90	5.28	4.62	203		
Q2787-05	1	No	6.55	N/A	20.40	1	9.97	8.68	-	0	2226	
Q2787-05	2					5	9.95	5.68	4.27	2226		
Q2787-05	3					10	9.92	0.38	-	0		
Q2787-05	4					50	9.89	0.30	-	0		
Q2787-05DUP	1	No	6.55	N/A	20.40	1	9.96	8.98	-	0	2082	
Q2787-05DUP	2					5	9.94	5.91	4.03	2082		
Q2787-05DUP	3					10	9.90	0.37	-	0		
Q2787-05DUP	4					50	9.87	0.26	-	0		
Q2796-05	1	No	7.22	N/A	20.20	1	9.97	7.64	2.33	5310	5310	
Q2796-05	2					5	9.95	0.40	-	0		
Q2796-05	3					10	9.90	0.29	-	0		
Q2796-05	4					50	9.84	0.17	-	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)

6136754

WorkList Name : bod7-8-08

WorkList ID : 191168

Department : Wet-Chemistry

Date : 08-08-2025 08:17:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2787-05	BOD	Water	BOD_7	Cool 4 deg C	AMER08	J11	08/06/2025	SM5210 B
Q2796-05	BOD	Water	BOD_7	Cool 4 deg C	AMER08	J11	08/07/2025	SM5210 B

Date/Time 08/08/2025 08.25
 Raw Sample Received by: RMW
 Raw Sample Relinquished by: RMW

Date/Time 08/08/2025 10.30
 Raw Sample Received by: RMW
 Raw Sample Relinquished by: RMW