

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

LAB CHRONICLE

OrderID:	Q2762	OrderDate:	8/4/2025 12:59:00 PM
Client:	American Wax	Project:	Semi Annual 2025
Contact:	Steve Pollack	Location:	D42

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2762-01	NON POLAR MATERIAL	WATER			08/04/25 10:00			08/04/25
			Non-Polar Material	1664A			08/06/25 10:30	
Q2762-02	NON POLAR MATERIAL	WATER			08/04/25 10:30			08/04/25
			Non-Polar Material	1664A			08/06/25 10:30	
Q2762-03	NON POLAR MATERIAL	WATER			08/04/25 11:00			08/04/25
			Non-Polar Material	1664A			08/06/25 10:30	
Q2762-04	NON POLAR MATERIAL	WATER			08/04/25 11:30			08/04/25
			Non-Polar Material	1664A			08/06/25 10:30	
Q2762-05	BOD	WATER			08/04/25 11:30			08/04/25
			BOD_7	SM5210 B			08/06/25 10:30	
Q2762-06	COD	Water			08/04/25 11:30			08/04/25
			COD	SM5220 D			08/08/25 12:48	



SAMPLE DATA

Report of Analysis

Client:	American Wax	Date Collected:	08/04/25 10:00
Project:	Semi Annual 2025	Date Received:	08/04/25
Client Sample ID:	NON POLAR MATERIAL	SDG No.:	Q2762
Lab Sample ID:	Q2762-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Non-Polar Material	0.30	J	1	0.29	5.00	mg/L		08/06/25 10:30	1664A

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	American Wax	Date Collected:	08/04/25 10:30
Project:	Semi Annual 2025	Date Received:	08/04/25
Client Sample ID:	NON POLAR MATERIAL	SDG No.:	Q2762
Lab Sample ID:	Q2762-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Non-Polar Material	0.40	J	1	0.29	5.00	mg/L		08/06/25 10:30	1664A

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	American Wax	Date Collected:	08/04/25 11:00
Project:	Semi Annual 2025	Date Received:	08/04/25
Client Sample ID:	NON POLAR MATERIAL	SDG No.:	Q2762
Lab Sample ID:	Q2762-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Non-Polar Material	0.30	J	1	0.29	5.00	mg/L		08/06/25 10:30	1664A

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	American Wax	Date Collected:	08/04/25 11:30
Project:	Semi Annual 2025	Date Received:	08/04/25
Client Sample ID:	NON POLAR MATERIAL	SDG No.:	Q2762
Lab Sample ID:	Q2762-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Non-Polar Material	0.29	U	1	0.29	5.00	mg/L		08/06/25 10:30	1664A

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	American Wax	Date Collected:	08/04/25 11:30
Project:	Semi Annual 2025	Date Received:	08/04/25
Client Sample ID:	BOD	SDG No.:	Q2762
Lab Sample ID:	Q2762-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
BOD_7	5150		1	0.20	2.00	mg/L		08/06/25 10:30	SM 5210 B-16

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	American Wax	Date Collected:	08/04/25 11:30
Project:	Semi Annual 2025	Date Received:	08/04/25
Client Sample ID:	COD	SDG No.:	Q2762
Lab Sample ID:	Q2762-06	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
COD	4830	D	50	75.0	500	mg/L		08/08/25 12:48	SM 5220 D-11

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits



QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: American Wax

SDG No.: Q2762

Project: Semi Annual 2025

RunNo.: LB136758

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV COD	mg/L	50.962	50	102	95-105	05/28/2025
Sample ID: CCV1 COD	mg/L	48.931	50	98	95-105	08/08/2025
Sample ID: CCV2 COD	mg/L	50.962	50	102	95-105	08/08/2025

Initial and Continuing Calibration Blank Summary

Client: American Wax

SDG No.: Q2762

Project: Semi Annual 2025

RunNo.: LB136758

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB COD	mg/L	< 5.0000	5.0000	U	1.50	10	05/28/2025
Sample ID: CCB1 COD	mg/L	< 5.0000	5.0000	U	1.50	10	08/08/2025
Sample ID: CCB2 COD	mg/L	< 5.0000	5.0000	U	1.50	10	08/08/2025

Preparation Blank Summary

Client: American Wax

SDG No.: Q2762

Project: Semi Annual 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB136719BL Non-Polar Material	mg/L	< 2.5000	2.5000	U	0.29	5.0	08/06/2025
Sample ID: LB136723BL BOD_7	mg/L	< 1.0000	1.0000	U	0.20	2	08/06/2025
Sample ID: LB136758BL COD	mg/L	< 5.0000	5.0000	U	1.5	10.0	08/08/2025

Matrix Spike Summary

Client:	American Wax	SDG No.:	Q2762
Project:	Semi Annual 2025	Sample ID:	Q2762-06
Client ID:	CODMS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
COD	mg/L	75-125	4880		4830	D	50.0	50	100		08/08/2025

Matrix Spike Summary

Client:	American Wax	SDG No.:	Q2762
Project:	Semi Annual 2025	Sample ID:	Q2762-06
Client ID:	CODMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
COD	mg/L	75-125	4880		4830	D	50.0	50	100		08/08/2025

Duplicate Sample Summary

Client:	American Wax	SDG No.:	Q2762
Project:	Semi Annual 2025	Sample ID:	LB136719BS
Client ID:	LB136719BSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Non-Polar Material	mg/L	+/-18	16.8		17.0		1	1.18		08/06/2025

Duplicate Sample Summary

Client:	American Wax	SDG No.:	Q2762
Project:	Semi Annual 2025	Sample ID:	Q2762-05
Client ID:	BODDUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
BOD_7	mg/L	+/-20	5150		4990		1	3.2		08/06/2025

Duplicate Sample Summary

Client: American Wax	SDG No.: Q2762
Project: Semi Annual 2025	Sample ID: Q2762-06
Client ID: CODDUP	Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
COD	mg/L	+/-20	4830	D	4830		50	0		08/08/2025

Duplicate Sample Summary

Client:	American Wax	SDG No.:	Q2762
Project:	Semi Annual 2025	Sample ID:	Q2762-06
Client ID:	CODMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
COD	mg/L	+/-20	4880		4880		50	0		08/08/2025

Laboratory Control Sample Summary

Client: American Wax

SDG No.: Q2762

Project: Semi Annual 2025

Run No.: LB136719

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136719BS							
Non-Polar Material	mg/L	20.0	16.8		84	1	78-114	08/06/2025

Laboratory Control Sample Summary

Client: American Wax

SDG No.: Q2762

Project: Semi Annual 2025

Run No.: LB136719

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136719BSD							
Non-Polar Material	mg/L	20.0	17.0		85	1	78-114	08/06/2025

Laboratory Control Sample Summary

Client: American Wax

SDG No.: Q2762

Project: Semi Annual 2025

Run No.: LB136723

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136723BS							
BOD_7	mg/L	198	202		102	1	84.6-115.4	08/06/2025

Laboratory Control Sample Summary

Client: American Wax

SDG No.: Q2762

Project: Semi Annual 2025

Run No.: LB136758

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136758BS							
COD	mg/L	50	49.9		100	1	90-110	08/08/2025



RAW DATA

Extraction and Analytical Summary Report

Analysis Method: 1664A
Test: Non-Polar Material
Run Number: LB136719
Analysis Date: 08/06/2025
BalanceID: WC-SC-6
OvenID: EXT OVEN-3

ANALYST: jignesh
REVIEWED BY: Iwona
Extraction Date: 08/06/2025
Extraction IN Time: 08:35
Extraction OUT Time: 09:40
Thermometer ID: EXT OVEN#3

Dish #	Lab ID	Client ID	Matrix	pH	Sample Vol (ml)	Final Volume (ml)	Empty Dish Weight (g)	Final Empty Dish Weight (g)	Silica Gel Weight (g)	Weight After Drying (g)	Final Weight After Drying (g)	Change Weight (g)	Result in ppm
1	LB136719BL	LB136719BL	WATER	1.3	1000	100	2.5937	2.5937	3.02	2.5937	2.5937	0.0000	0
2	LB136719BS	LB136719BS	WATER	1.3	1000	100	2.6303	2.6303	3.01	2.6471	2.6471	0.0168	16.8
3	LB136719BSD	LB136719BSD	WATER	1.3	1000	100	2.7481	2.7481	3.03	2.7651	2.7651	0.0170	17
4	Q2762-01	NON POLAR MATERIAL	WATER	1.6	1000	100	3.1523	3.1523	3.02	3.1526	3.1526	0.0003	0.3
5	Q2762-02	NON POLAR MATERIAL	WATER	1.6	1000	100	2.7412	2.7412	3.05	2.7416	2.7416	0.0004	0.4
6	Q2762-03	NON POLAR MATERIAL	WATER	1.6	1000	100	3.0169	3.0169	3.04	3.0172	3.0172	0.0003	0.3
7	Q2762-04	NON POLAR MATERIAL	WATER	1.6	1000	100	2.6233	2.6233	3.03	2.6235	2.6235	0.0002	0.2
8	Q2778-01	NON POLAR MATERIAL	WATER	1.6	1000	100	2.7445	2.7445	3.02	2.7447	2.7447	0.0002	0.2
9	Q2778-02	NON POLAR MATERIAL	WATER	1.6	1000	100	3.1988	3.1988	3.03	3.1994	3.1994	0.0006	0.6
10	Q2778-03	NON POLAR MATERIAL	WATER	1.6	1000	100	2.5333	2.5333	3.02	2.5336	2.5336	0.0003	0.3
11	Q2778-04	NON POLAR MATERIAL	WATER	1.6	1000	100	3.1853	3.1853	3.02	3.1859	3.1859	0.0006	0.6

QC Batch# LB136719

Test: Non-Polar Material

Analysis Date: 08/06/2025

Chemicals Used:

Chemical Name	Chemical Lot #
HEXANE	W3204
pH Paper 0-14	M6069
Sodium Sulfate	EP2629
1:1 HCL	WP112782
Silica Gel	W3079
Sand	NA

Standards Used:

Standard Name	Amount Used	Standard Lot #
LCSW	5.00 ML	WP112783
LCSWD	5.00 ML	WP112784
MS/MSD	NA	NA

BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-6

Before Analysis

0.0020 gram Balance: 0.0018 (0.0018-0.0022) In OVEN TEMP1 : 71 °C Dessicator Time In1 : 11:26

1.0000 gram Balance: 1.0004 (0.9950-1.0050) In Time1: 10:30

Bal Check Time: 08:40 Out OVEN TEMP1: 71 °C Dessicator Time Out1: 12:00

Out Time1: 11:25

After Analysis

0.0020 gram Balance: 0.0019 (0.0018-0.0022) In OVEN TEMP2 : 70 °C Dessicator Time In2 : 13:01

1.0000 gram Balance: 1.0005 (0.9950-1.0050) In Time2: 12:30

Bal Check Time: 13:36 Out OVEN TEMP2: 70 °C Dessicator Time Out2: 13:35

Out Time2: 13:00

136719

WORKLIST(Hardcopy Internal Chain)

WorkList Name : non poplar q2793 WorkList ID : 191126 Department : Wet-Chemistry Date : 08-06-2025 08:20:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2762-01	NON POLAR MATERIAL	Water	Non-Polar Material	Conc H2SO4 to pH < 2	AMER08	D42	08/04/2025	1664A
Q2762-02	NON POLAR MATERIAL	Water	Non-Polar Material	Conc H2SO4 to pH < 2	AMER08	D42	08/04/2025	1664A
Q2762-03	NON POLAR MATERIAL	Water	Non-Polar Material	Conc H2SO4 to pH < 2	AMER08	D42	08/04/2025	1664A
Q2762-04	NON POLAR MATERIAL	Water	Non-Polar Material	Conc H2SO4 to pH < 2	AMER08	D42	08/04/2025	1664A
Q2778-01	NON POLAR MATERIAL	Water	Non-Polar Material	Conc H2SO4 to pH < 2	AMER08	O32	08/05/2025	1664A
Q2778-02	NON POLAR MATERIAL	Water	Non-Polar Material	Conc H2SO4 to pH < 2	AMER08	O32	08/05/2025	1664A
Q2778-03	NON POLAR MATERIAL	Water	Non-Polar Material	Conc H2SO4 to pH < 2	AMER08	O32	08/05/2025	1664A
Q2778-04	NON POLAR MATERIAL	Water	Non-Polar Material	Conc H2SO4 to pH < 2	AMER08	O32	08/05/2025	1664A

Date/Time 08/06/25 08:30
Raw Sample Received by: *JBWC*
Raw Sample Relinquished by: *OP SM*

Date/Time 08/06/25 15:30
Raw Sample Received by: *OP SM*
Raw Sample Relinquished by: *JBWC*

BOD 7 LOG

ANALYST: rubin
Inst Id :DO METER
LB :LB136723

Reviewed By:jignesh
On:8/13/2025 5:18:10
PM

SUPERVISOR: jignesh

QC BATCH ID: LB136723

Analysis Date: 08/06/2025

BOD Water: WP114182

MANGANOUS SULFATE SOLUTION: W3103

Starch: W3149

Alkaline Iodide Azide: W3109

Sulfuric acid, 1N: WP112832

Sodium Thiosulfate, 0.025N: W3105

POLYSEED: WP114184

NaOH, 1N: WP113878

GGA: WP114183

IncubatorID: INCUBATOR #3

Chlorine Strips: W3155

GuageID: 0511064

pH Strips: W3215

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	10.00	10	10
WINKLER 2	WINKLER 2	2	300	10.03	20.03	10	10

Meter Calibration1: 8.14

Zero DO Reading1: 0.13 mg/L (<=0.2 Criteria)

Barometric Pressure1: 771 mmHg

DO Meter BOD fluid reading for winkler comparison: 10.27

After Incubation

Meter Calibration2: 8.74

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

Barometric Pressure2: 755 mmHg

QC BATCH ID: LB136723

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 10:30

TIME OUT: 13:30

DATE IN: 08/06/2025

DATE OUT: 08/13/2025

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
LB136723BL	1	No	6.63	N/A	20.90	300	10.26	10.25	0.01	0.01	0.01	
POLYSEED	1					10	10.22	7.26	2.96	0.59	0.66	
POLYSEED	2					15	10.17	5.19	4.98	0.66		
POLYSEED	3					20	10.11	2.96	7.15	0.72		
GGA	1					6	10.23	5.61	4.62	198	202.17	
GGA	2					6	10.19	5.50	4.69	201.5		
GGA	3					6	10.19	5.39	4.8	207		
Q2762-05	1	No	7.32	N/A	20.20	1	10.23	7.25	2.98	6960	5148	
Q2762-05	2					5	10.19	3.97	6.22	3336		
Q2762-05	3					10	10.11	0.28	-	0		
Q2762-05	4					50	10.09	0.09	-	0		
Q2762-05DUP	1	No	7.32	N/A	20.20	1	10.23	7.39	2.84	6540	4986	
Q2762-05DUP	2					5	10.22	3.84	6.38	3432		
Q2762-05DUP	3					10	10.13	0.24	-	0		
Q2762-05DUP	4					50	10.11	0.14	-	0		
Q2778-05	1	No	7.03	N/A	20.10	1	10.20	7.38	2.82	6480	5217	
Q2778-05	2					5	10.17	2.92	7.25	3954		
Q2778-05	3					10	10.14	0.32	-	0		
Q2778-05	4					50	10.09	0.15	-	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.

Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Eman

Parameter: COD

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136758

Reagent/Standard	Lot/Log #
COD calibration std. 150 ppm	WP113238
COD calibration std. 100 ppm	WP113237
COD calibration std. 50 ppm	WP113235
COD calibration std. 10 ppm	WP113234
COD calibration std. 0 ppm	WP113233
COD ICV-LCS std, 50ppm	WP113240
COD calibration std. 75 ppm	WP113236
COD CCV std, 50ppm	WP114225
COD ICV-LCS std, 50ppm	WP114226
RL CHECK	WP114227
COD Digestion Vials Low Level 0-150Mg/L	W3228

Temp In (C): 148	Date In: 08/08/2025	Time In: 10:00
Temp Out (C): 150	Date Out: 08/08/2025	Time Out: 12:00

Intercept: 0.8179

Slope: 0.9847

Regression: 0.9995

Seq	Lab ID	TrueValue (mg/l)	DF	MATRIX	Reading	Result (mg/l)	%D	Anal Date	Anal Time
1	CAL1	0	1	Water	0.000	-0.831		05/28/2025	13:10
2	CAL2	10	1	Water	9.000	8.309	-16.9	05/28/2025	13:10
3	CAL3	50	1	Water	52.000	51.977	4	05/28/2025	13:11
4	CAL4	75	1	Water	77.000	77.366	3.2	05/28/2025	13:11
5	CAL5	100	1	Water	99.000	99.708	-0.3	05/28/2025	13:12
6	CAL6	150	1	Water	147.000	148.453	-1	05/28/2025	13:12

Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Eman

Parameter: COD

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136758

Seq	Lab ID	True Value (mg/l)	Initial Weight (g)	Final Vol (ml)	DF	MATRIX	Reading	Result	AnalDate	AnalTime
1	ICV	50	NA	NA	1	Water	51.000	50.962	05/28/2025	13:13
2	ICB		NA	NA	1	Water	0.000	-0.831	05/28/2025	13:13
3	CCV1	50	NA	NA	1	Water	49.000	48.931	08/08/2025	12:45
4	CCB1		NA	NA	1	Water	1.000	0.185	08/08/2025	12:45
5	RL Check	10	NA	NA	1	Water	8.000	7.294	08/08/2025	12:46
6	LB136758BL		NA	NA	1	Water	0.000	-0.831	08/08/2025	12:46
7	LB136758BS	50	NA	NA	1	Water	50.000	49.946	08/08/2025	12:47
8	Q2759-04		NA	NA	200	Water	69.000	69.241	08/08/2025	12:47
9	Q2762-06		NA	NA	50	Water	96.000	96.661	08/08/2025	12:48
10	Q2762-06DUP		NA	NA	50	Water	96.000	96.661	08/08/2025	12:48
11	Q2762-06MS	50	NA	NA	50	Water	97.000	97.677	08/08/2025	12:49
12	Q2762-06MSD	50	NA	NA	50	Water	97.000	97.677	08/08/2025	12:49
13	Q2778-06		NA	NA	50	Water	79.000	79.397	08/08/2025	12:50
14	Q2787-06		NA	NA	50	Water	99.000	99.708	08/08/2025	12:50
15	Q2796-06		NA	NA	50	Water	142.000	143.376	08/08/2025	12:51
16	CCV2	50	NA	NA	1	Water	51.000	50.962	08/08/2025	12:51
17	CCB2		NA	NA	1	Water	1.000	0.185	08/08/2025	12:52

WORKLIST(Hardcopy Internal Chain)

15136758

WorkList Name : COD-080825

WorkList ID : 191166

Department : Wet-Chemistry

Date : 08-08-2025 09:35:02

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2759-04	LIQUID-DRUM	Water	COD	Conc H2SO4 to pH < 2	PSEG03	D31	08/04/2025	SM5220 D
Q2762-06	COD	Water	COD	Conc H2SO4 to pH < 2	AMER08	D42	08/04/2025	SM5220 D
Q2778-06	COD	Water	COD	Conc H2SO4 to pH < 2	AMER08	O32	08/05/2025	SM5220 D
Q2787-06	COD	Water	COD	Conc H2SO4 to pH < 2	AMER08	J11	08/06/2025	SM5220 D
Q2796-06	COD	Water	COD	Conc H2SO4 to pH < 2	AMER08	J11	08/07/2025	SM5220 D

Date/Time 08/08/25 09:45
Raw Sample Received by: EM(WC)
Raw Sample Relinquished by: [Signature]

Date/Time 08/08/25 12:15
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: EM(WC)

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB136719

Review By	jignesh	Review On	8/6/2025 10:25:01 AM
Supervise By	Iwona	Supervise On	8/6/2025 10:52:16 AM
SubDirectory	LB136719	Test	Non-Polar Material
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	W3204,M6069,EP2629,WP112782,W3079,NA,WP112783,WP112784,NA		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB136719BL	LB136719BL	MB	08/06/25 10:30		jignesh	OK
2	LB136719BS	LB136719BS	LCS	08/06/25 10:30		jignesh	OK
3	LB136719BSD	LB136719BSD	LCSD	08/06/25 10:30		jignesh	OK
4	Q2762-01	NON POLAR MATER	SAM	08/06/25 10:30		jignesh	OK
5	Q2762-02	NON POLAR MATER	SAM	08/06/25 10:30		jignesh	OK
6	Q2762-03	NON POLAR MATER	SAM	08/06/25 10:30		jignesh	OK
7	Q2762-04	NON POLAR MATER	SAM	08/06/25 10:30		jignesh	OK
8	Q2778-01	NON POLAR MATER	SAM	08/06/25 10:30		jignesh	OK
9	Q2778-02	NON POLAR MATER	SAM	08/06/25 10:30		jignesh	OK
10	Q2778-03	NON POLAR MATER	SAM	08/06/25 10:30		jignesh	OK
11	Q2778-04	NON POLAR MATER	SAM	08/06/25 10:30		jignesh	OK

Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QC Batch ID # LB136723

Review By	rubina	Review On	8/13/2025 5:17:03 PM
Supervise By	jignesh	Supervise On	8/13/2025 5:18:10 PM
SubDirectory	LB136723	Test	BOD_7
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP114182,W3149,WP112832,W3103,W3109,W3105,WP114184,WP114183,WP113878		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB136723BL	LB136723BL	MB	08/06/25 10:30		rubina	OK
2	LB136723BS	LB136723BS	LCS	08/06/25 10:30		rubina	OK
3	LB136723BSD1	LB136723BSD1	LCS	08/06/25 10:30		rubina	OK
4	LB136723BSD2	LB136723BSD2	LCS	08/06/25 10:30		rubina	OK
5	Q2762-05	BOD	SAM	08/06/25 10:30	Due to bad matrix difference between highest and lowest results is >30% for	rubina	OK
6	Q2762-05DUP	BODDUP	DUP	08/06/25 10:30	Due to bad matrix difference between highest and lowest results is >30% for	rubina	OK
7	Q2778-05	BOD	SAM	08/06/25 10:30	Due to bad matrix difference between highest and lowest results is >30% for	rubina	OK

Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QC Batch ID # LB136758

Review By	Eman	Review On	8/8/2025 2:33:50 PM
Supervise By	Iwona	Supervise On	8/8/2025 2:41:15 PM
SubDirectory	LB136758	Test	COD
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP113238,WP113237,WP113235,WP113234,WP113233,WP113240,WP113236,WP114225,WP114226,WP114227,V		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	05/28/25 13:10		Eman	OK
2	CAL2	CAL2	CAL	05/28/25 13:10		Eman	OK
3	CAL3	CAL3	CAL	05/28/25 13:11		Eman	OK
4	CAL4	CAL4	CAL	05/28/25 13:11		Eman	OK
5	CAL5	CAL5	CAL	05/28/25 13:12		Eman	OK
6	CAL6	CAL6	CAL	05/28/25 13:12		Eman	OK
7	ICV	ICV	ICV	05/28/25 13:13		Eman	OK
8	ICB	ICB	ICB	05/28/25 13:13		Eman	OK
9	CCV1	CCV1	CCV	08/08/25 12:45		Eman	OK
10	CCB1	CCB1	CCB	08/08/25 12:45		Eman	OK
11	RL Check	RL Check	RL	08/08/25 12:46		Eman	OK
12	LB136758BL	LB136758BL	MB	08/08/25 12:46		Eman	OK
13	LB136758BS	LB136758BS	LCS	08/08/25 12:47		Eman	OK
14	Q2759-04	LIQUID-DRUM	SAM	08/08/25 12:47		Eman	OK
15	Q2762-06	COD	SAM	08/08/25 12:48		Eman	OK
16	Q2762-06DUP	CODDUP	DUP	08/08/25 12:48		Eman	OK
17	Q2762-06MS	CODMS	MS	08/08/25 12:49	0.5ml WP114223 + 9.5ml Sample	Eman	OK
18	Q2762-06MSD	CODMSD	MSD	08/08/25 12:49	0.5ml WP114223 + 9.5ml Sample	Eman	OK

Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QC Batch ID # LB136758

Review By	Eman	Review On	8/8/2025 2:33:50 PM
Supervise By	Iwona	Supervise On	8/8/2025 2:41:15 PM
SubDirectory	LB136758	Test	COD
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP113238,WP113237,WP113235,WP113234,WP113233,WP113240,WP113236,WP114225,WP114226,WP114227,V		

19	Q2778-06	COD	SAM	08/08/25 12:50		Eman	OK
20	Q2787-06	COD	SAM	08/08/25 12:50		Eman	OK
21	Q2796-06	COD	SAM	08/08/25 12:51		Eman	OK
22	CCV2	CCV2	CCV	08/08/25 12:51		Eman	OK
23	CCB2	CCB2	CCB	08/08/25 12:52		Eman	OK



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: American WAX
ADDRESS: 39-30 Review Av,
CITY Long Island City STATE NY ZIP: 11101
ATTENTION: Ron/Steve,
PHONE: 718-392-8080 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: WATER TESTING
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: SAME PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data) ☐ Other _____
☐ EDD FORMAT

Non Polar Material
BOD
COD
1 2 3 4 5 6 7 8 9

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		C	1/2	C							
1.	Non Polar Material	1		X	8-4-25	10 AM	1	X									
2.	Non Polar Material	1		X	8-4-25	10:30	1	X									
3.	Non Polar Material	1		X	8-4-25	11 AM	1	X									
4.	Non Polar Material	1		X	8-4-25	11:30	1	X									
5.	BOD	1	X		8-4-25	11:30	1		X								
6.	COD	1	X		8-4-25	11:30	1			X							
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>Steve Pullack</u>	DATE/TIME: <u>8-4-25 11:30</u>	RECEIVED BY: <u>[Signature]</u> <u>8-4-25 12:08</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.1</u> °C
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME:	RECEIVED BY:	Comments:
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>8-4-25 14:18</u>	RECEIVED BY:	

Page ____ of ____ CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488