Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

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

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LAB CHRONICLE

OrderID:	Q2796	**OrderDate:**	8/7/2025 12:18:00 PM
Client:	American Wax	**Project:**	Semi Annual 2025
Contact:	Steve Pollack	**Location:**	J11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2796-01	**NON POLAR MATERIAL**	**WATER**			**08/07/25 10:00**			**08/07/25**
			Non-Polar Material	1664A			08/08/25 09:47	
Q2796-02	**NON POLAR MATERIAL**	**WATER**			**08/07/25 10:30**			**08/07/25**
			Non-Polar Material	1664A			08/08/25 09:47	
Q2796-03	**NON POLAR MATERIAL**	**WATER**			**08/07/25 11:00**			**08/07/25**
			Non-Polar Material	1664A			08/08/25 09:47	
Q2796-04	**NON POLAR MATERIAL**	**WATER**			**08/07/25 11:30**			**08/07/25**
			Non-Polar Material	1664A			08/08/25 09:47	
Q2796-05	**BOD**	**WATER**			**08/07/25 11:30**			**08/07/25**
			BOD_7	SM5210 B			08/08/25 10:20	
Q2796-06	**COD**	**Water**			**08/07/25 11:30**			**08/07/25**
			COD	SM5220 D			08/08/25 12:51	

SAMPLE DATA

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Report of Analysis

Client:	American Wax	Date Collected:	08/07/25 10:00
Project:	Semi Annual 2025	Date Received:	08/07/25
Client Sample ID:	NON POLAR MATERIAL	SDG No.:	Q2796
Lab Sample ID:	Q2796-01	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		08/08/25 09:47	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

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Report of Analysis

Client:	American Wax	Date Collected:	08/07/25 10:30
Project:	Semi Annual 2025	Date Received:	08/07/25
Client Sample ID:	NON POLAR MATERIAL	SDG No.:	Q2796
Lab Sample ID:	Q2796-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Non-Polar Material	0.50	J	1	0.29	5.00	mg/L		08/08/25 09:47	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

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Report of Analysis

Client:	American Wax	Date Collected:	08/07/25 11:00
Project:	Semi Annual 2025	Date Received:	08/07/25
Client Sample ID:	NON POLAR MATERIAL	SDG No.:	Q2796
Lab Sample ID:	Q2796-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Non-Polar Material	0.50	J	1	0.29	5.00	mg/L		08/08/25 09:47	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

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Report of Analysis

Client:	American Wax	Date Collected:	08/07/25 11:30
Project:	Semi Annual 2025	Date Received:	08/07/25
Client Sample ID:	NON POLAR MATERIAL	SDG No.:	Q2796
Lab Sample ID:	Q2796-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Non-Polar Material	0.60	J	1	0.29	5.00	mg/L		08/08/25 09:47	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

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Report of Analysis

Client:	American Wax	Date Collected:	08/07/25 11:30
Project:	Semi Annual 2025	Date Received:	08/07/25
Client Sample ID:	BOD	SDG No.:	Q2796
Lab Sample ID:	Q2796-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
BOD_7	5310		1	0.20	2.00	mg/L		08/08/25 10:20	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

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Report of Analysis

Client:	American Wax	Date Collected:	08/07/25 11:30
Project:	Semi Annual 2025	Date Received:	08/07/25
Client Sample ID:	COD	SDG No.:	Q2796
Lab Sample ID:	Q2796-06	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
COD	7170	D	50	75.0	500	mg/L		08/08/25 12:51	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

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Initial and Continuing Calibration Verification

Client: American Wax **SDG No.:** Q2796

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

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Initial and Continuing Calibration Blank Summary

Client: American Wax **SDG No.:** Q2796

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

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Preparation Blank Summary

Client: American Wax **SDG No.:** Q2796

Project: Semi Annual 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB136750BL							
Non-Polar Material	mg/L	< 2.5000	2.5000	U	0.29	5.0	08/08/2025
Sample ID: LB136754BL							
BOD_7	mg/L	< 1.0000	1.0000	U	0.20	2	08/08/2025
Sample ID: LB136758BL							
COD	mg/L	< 5.0000	5.0000	U	1.5	10.0	08/08/2025

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Matrix Spike Summary

Client: American Wax
Project: Semi Annual 2025
Client ID: CODMS

SDG No.: Q2796
Sample ID: Q2762-06
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

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Matrix Spike Summary

Client: American Wax
Project: Semi Annual 2025
Client ID: CODMSD

SDG No.: Q2796
Sample ID: Q2762-06
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

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Duplicate Sample Summary

Client: American Wax
Project: Semi Annual 2025
Client ID: LB136750BSD

SDG No.: Q2796
Sample ID: LB136750BS
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	16.7		17.0		1	1.78		08/08/2025

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Duplicate Sample Summary

Client: American Wax
Project: Semi Annual 2025
Client ID: CODDUP

SDG No.: Q2796
Sample ID: Q2762-06
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

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Duplicate Sample Summary

Client: American Wax
Project: Semi Annual 2025
Client ID: CODMSD

SDG No.: Q2796
Sample ID: Q2762-06
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

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Duplicate Sample Summary

Client: American Wax
Project: Semi Annual 2025
Client ID: BODDUP

SDG No.: Q2796
Sample ID: Q2787-05
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	2230		2080		1	6.69		08/08/2025

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Laboratory Control Sample Summary

Client: American Wax **SDG No.:** Q2796

Project: Semi Annual 2025 **Run No.:** LB136750

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB136750BS								
Non-Polar Material	mg/L	20.0	16.7		84	1	78-114	08/08/2025

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Laboratory Control Sample Summary

Client: American Wax **SDG No.:** Q2796

Project: Semi Annual 2025 **Run No.:** LB136750

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB136750BSD								
Non-Polar Material	mg/L	20.0	17.0		85	1	78-114	08/08/2025

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Laboratory Control Sample Summary

Client: American Wax **SDG No.:** Q2796

Project: Semi Annual 2025 **Run No.:** LB136754

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB136754BS								
BOD_7	mg/L	198	195		98	1	84.6-115.4	08/08/2025

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Laboratory Control Sample Summary

Client: American Wax **SDG No.:** Q2796

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

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RAW DATA

Extraction and Analytical Summary Report

Analysis Method: 1664A
Test: Non-Polar Material
Run Number: LB136750
Analysis Date: 08/08/2025
BalanceID: WC-SC-6
OvenID: EXT OVEN-3

ANALYST: jignesh
REVIEWED BY: Iwona
Extraction Date: 08/08/2025
Extration IN Time: 08:00
Extration OUT Time: 08:40
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	LB136750BL	LB136750BL	WATER	1.3	1000	100	3.1156	3.1156	3.02	3.1157	3.1157	0.0001	0.1
2	LB136750BS	LB136750BS	WATER	1.3	1000	100	2.8563	2.8563	3.01	2.8730	2.8730	0.0167	16.7
3	LB136750BSD	LB136750BSD	WATER	1.3	1000	100	3.1741	3.1741	3.03	3.1911	3.1911	0.0170	17
4	Q2787-01	NON POLAR MATERIAL	WATER	1.6	1000	100	2.5631	2.5631	3.02	2.5637	2.5637	0.0006	0.6
5	Q2787-02	NON POLAR MATERIAL	WATER	1.6	1000	100	2.8563	2.8563	3.03	2.8571	2.8571	0.0008	0.8
6	Q2787-03	NON POLAR MATERIAL	WATER	1.6	1000	100	3.1411	3.1411	3.05	3.1418	3.1418	0.0007	0.7
7	Q2787-04	NON POLAR MATERIAL	WATER	1.6	1000	100	3.1471	3.1471	3.04	3.1477	3.1477	0.0006	0.6
8	Q2796-01	NON POLAR MATERIAL	WATER	1.6	1000	100	2.9306	2.9306	3.03	2.9309	2.9309	0.0003	0.3
9	Q2796-02	NON POLAR MATERIAL	WATER	1.6	1000	100	3.1971	3.1971	3.03	3.1976	3.1976	0.0005	0.5
10	Q2796-03	NON POLAR MATERIAL	WATER	1.6	1000	100	2.7853	2.7853	3.04	2.7858	2.7858	0.0005	0.5
11	Q2796-04	NON POLAR MATERIAL	WATER	1.6	1000	100	2.5123	2.5123	3.03	2.5129	2.5129	0.0006	0.6

QC Batch# LB136750 **Test:** Non-Polar Material **Analysis Date:** 08/08/2025

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)**
1.0000 gram Balance: 1.0004 **(0.9950-1.0050)**
Bal Check Time: 08:10

In OVEN TEMP1 : 71 °C **Dessicator Time In1 :** 10:31
In Time1: 09:47
Out OVEN TEMP1: 71 °C **Dessicator Time Out1:** 11:00
Out Time1: 10:30

After Analysis

0.0020 gram Balance: 0.0019 **(0.0018-0.0022)**
1.0000 gram Balance: 1.0005 **(0.9950-1.0050)**
Bal Check Time: 12:40

In OVEN TEMP2 : 70 °C **Dessicator Time In2 :** 12:04
In Time2: 11:30
Out OVEN TEMP2: 70 °C **Dessicator Time Out2:** 12:37
Out Time2: 12:00

WORKLIST(Hardcopy Internal Chain)

LB 136750

WorkList Name : non poplar q2787 **WorkList ID :** 191160 **Department :** Wet-Chemistry **Date :** 08-08-2025 07:34:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2787-01	NON POLAR MATERIAL	Water	Non-Polar Material	Conc H2SO4 to pH < 2	AMER08	J11	08/06/2025	1664A
Q2787-02	NON POLAR MATERIAL	Water	Non-Polar Material	Conc H2SO4 to pH < 2	AMER08	J11	08/06/2025	1664A
Q2787-03	NON POLAR MATERIAL	Water	Non-Polar Material	Conc H2SO4 to pH < 2	AMER08	J11	08/06/2025	1664A
Q2787-04	NON POLAR MATERIAL	Water	Non-Polar Material	Conc H2SO4 to pH < 2	AMER08	J11	08/06/2025	1664A
Q2796-01	NON POLAR MATERIAL	Water	Non-Polar Material	Conc H2SO4 to pH < 2	AMER08	J11	08/07/2025	1664A
Q2796-02	NON POLAR MATERIAL	Water	Non-Polar Material	Conc H2SO4 to pH < 2	AMER08	J11	08/07/2025	1664A
Q2796-03	NON POLAR MATERIAL	Water	Non-Polar Material	Conc H2SO4 to pH < 2	AMER08	J11	08/07/2025	1664A
Q2796-04	NON POLAR MATERIAL	Water	Non-Polar Material	Conc H2SO4 to pH < 2	AMER08	J11	08/07/2025	1664A

Date/Time 08108125 07:45

Raw Sample Received by:

Raw Sample Relinquished by: ITCSM

Date/Time 08108125 13:0

Raw Sample Received by: ITCSM

Raw Sample Relinquished by:

Reviewed By:jignesh
On:8/15/2025 2:16:29 PM
Inst Id :DO METER
LB :LB136754

BOD 7 LOG

ANALYST: rubir
SUPERVISOR: jignesh

QC BATCH ID: LB136754
Analysis Date: 08/08/2025
BOD Water: WP114228
MANGANOUS SULFATE SOLUTION: W3103
Starch: W3149
Alkaline Iodide Azide: W3109
Sulfuric acid, 1N: WP112832
Sodium Thiosulfate, 0.025N: W3105
POLYSEED: WP114230
NaOH, 1N: WP113878
GGA: WP114229
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	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

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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)

LB136754

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: RM CWO
Raw Sample Relinquished by: RM CWO

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

Reviewed By:Iwona
On:8/8/2025 2:41:15 PM
Inst Id :SPECTROPHOTOME

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

Reviewed By:Iwona
On:8/8/2025 2:41:15 PM
Inst Id :SPECTROPHOTOME

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)

1b136758

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: JPCCOC)

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

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Fax : 908 789 8922

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QCBatch ID # LB136750

Review By	jignesh	Review On	8/8/2025 2:48:30 PM
Supervise By	Iwona	Supervise On	8/11/2025 12:52:58 PM
SubDirectory	LB136750	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	LB136750BL	LB136750BL	MB	08/08/25 09:47		jignesh	OK
2	LB136750BS	LB136750BS	LCS	08/08/25 09:47		jignesh	OK
3	LB136750BSD	LB136750BSD	LCSD	08/08/25 09:47		jignesh	OK
4	Q2787-01	NON POLAR MATER	SAM	08/08/25 09:47		jignesh	OK
5	Q2787-02	NON POLAR MATER	SAM	08/08/25 09:47		jignesh	OK
6	Q2787-03	NON POLAR MATER	SAM	08/08/25 09:47		jignesh	OK
7	Q2787-04	NON POLAR MATER	SAM	08/08/25 09:47		jignesh	OK
8	Q2796-01	NON POLAR MATER	SAM	08/08/25 09:47		jignesh	OK
9	Q2796-02	NON POLAR MATER	SAM	08/08/25 09:47		jignesh	OK
10	Q2796-03	NON POLAR MATER	SAM	08/08/25 09:47		jignesh	OK
11	Q2796-04	NON POLAR MATER	SAM	08/08/25 09:47		jignesh	OK

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Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QCBatch ID # LB136754

Review By	rubina	Review On	8/15/2025 2:02:26 PM
Supervise By	jignesh	Supervise On	8/15/2025 2:16:29 PM
SubDirectory	LB136754	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	WP114228,W3149,WP112832,W3103,W3109,W3105,WP114230,WP114229,WP113878

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB136754BL	LB136754BL	MB	08/08/25 10:20		rubina	OK
2	LB136754BS	LB136754BS	LCS	08/08/25 10:20		rubina	OK
3	LB136754BSD1	LB136754BSD1	LCS	08/08/25 10:20		rubina	OK
4	LB136754BSD2	LB136754BSD2	LCS	08/08/25 10:20		rubina	OK
5	Q2787-05	BOD	SAM	08/08/25 10:20		rubina	OK
6	Q2787-05DUP	BODDUP	DUP	08/08/25 10:20		rubina	OK
7	Q2796-05	BOD	SAM	08/08/25 10:20		rubina	OK

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Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QCBatch 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,\

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

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Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QCBatch 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,W

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

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2796
COC Number 2045315

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: American WAX
ADDRESS: 39-30 Review Ave,
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:

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 + Raw Data) ❑ NYS ASP A ❑ NYS ASP B
❑ Other _____
❑ EDD FORMAT _____

ANALYSIS

Non Polar Material BOD COD

PRESERVATIVES

C | None | C | | | | | | | |
1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
1.	Non Polar Material			X	8-7-25	10AM	1	X									
2.	Non Polar Material			X	8-7-25	10:30	1	X									
3.	Non Polar Material			X	8-7-25	11 AM	1	X									
4.	Non Polar Material			X	8-7-25	11:30	1	X									
5.	BOD		X		8-7-25	11:30	1		X								
6.	COD		X		8-7-25	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:	DATE/TIME:	RECEIVED BY:
1. Steve Pollack	8-7-25 1204	1. 8-7-25 1204
2.	DATE/TIME:	2.
3.	DATE/TIME: 8-7-25 1518	3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 3.0 °C
Comments:

Page ____ of

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

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

QA Control Code: A2070148