

DATA PACKAGE

GENERAL CHEMISTRY

PROJECT NAME : SEMI ANNUAL 2025

AMERICAN WAX

39-30 Review Ave

Long Island City, NY - 11101

Phone No: 718-392-8080

ORDER ID : Q1455

ATTENTION : Steve Pollack



Laboratory Certification ID # 20012



1) Signature Page	3
2) Case Narrative	4
2.1) Genchem- Case Narrative	4
3) Qualifier Page	6
4) QA Checklist	7
5) Genchem Data	8
6) Shipping Document	16
6.1) CHAIN OF CUSTODY	17
6.2) Lab Certificate	18

1

2

3

4

5

6

Cover Page

Order ID : Q1455

Project ID : Semi Annual 2025

Client : American Wax

Lab Sample Number

Q1455-01
Q1455-02
Q1455-03
Q1455-04
Q1455-05
Q1455-06

Client Sample Number

NON POLAR MATERIAL
NON POLAR MATERIAL
NON POLAR MATERIAL
NON POLAR MATERIAL
BOD
COD

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 2:02 pm, Mar 10, 2025

Date: 3/7/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

American Wax

Project Name: Semi Annual 2025

Project # N/A

Chemtech Project # Q1455

Test Name: Non-Polar Material,COD,BOD_7

A. Number of Samples and Date of Receipt:

6 Water samples were received on 02/27/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: BOD_7, COD and Non-Polar Material. This data package contains results for Non-Polar Material,COD,BOD_7.

C. Analytical Techniques:

The analysis of Non-Polar Material was based on method 1664A, The analysis of BOD_7 was based on method SM5210 B and The analysis of COD was based on method SM5220 D.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

E. Additional Comments:

Sample Q1455-06 for COD analyzed straight 50X Dilution because the original samples were reading over range.

For Non-Polar Material MS MSD and DUP not analyzed as no enough volume provided.

As per method 1664A, MS/MSD is required to be performed with the sample analysis.

However, Lab did not receive sufficient volume to perform the MS/MSD therefore MS/MSD were not performed for this project.



I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 2:02 pm, Mar 10, 2025

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1455

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 03/07/2025



SAMPLE DATA

Report of Analysis

Client:	American Wax	Date Collected:	02/27/25 10:00
Project:	Semi Annual 2025	Date Received:	02/27/25
Client Sample ID:	NON POLAR MATERIAL	SDG No.:	Q1455
Lab Sample ID:	Q1455-01	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	0.40	5.00	mg/L		03/03/25 09:40	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:	02/27/25 10:30
Project:	Semi Annual 2025	Date Received:	02/27/25
Client Sample ID:	NON POLAR MATERIAL	SDG No.:	Q1455
Lab Sample ID:	Q1455-02	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	0.40	5.00	mg/L		03/03/25 09:40	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:	02/27/25 11:00
Project:	Semi Annual 2025	Date Received:	02/27/25
Client Sample ID:	NON POLAR MATERIAL	SDG No.:	Q1455
Lab Sample ID:	Q1455-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Non-Polar Material	0.80	J	1	0.40	5.00	mg/L		03/03/25 09:40	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:	02/27/25 11:30
Project:	Semi Annual 2025	Date Received:	02/27/25
Client Sample ID:	NON POLAR MATERIAL	SDG No.:	Q1455
Lab Sample ID:	Q1455-04	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	0.40	5.00	mg/L		03/03/25 09:40	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:	02/27/25 11:30
Project:	Semi Annual 2025	Date Received:	02/27/25
Client Sample ID:	BOD	SDG No.:	Q1455
Lab Sample ID:	Q1455-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
BOD_7	2780		1	0.17	2.00	mg/L		02/28/25 16:00	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:	02/27/25 11:30
Project:	Semi Annual 2025	Date Received:	02/27/25
Client Sample ID:	COD	SDG No.:	Q1455
Lab Sample ID:	Q1455-06	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
COD	4740	D	50	118	500	mg/L		03/06/25 14:02	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

LAB CHRONICLE

OrderID:	Q1455	OrderDate:	2/27/2025 12:23:00 PM
Client:	American Wax	Project:	Semi Annual 2025
Contact:	Steve Pollack	Location:	H11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1455-01	NON POLAR MATERIAL	WATER			02/27/25 10:00			02/27/25
			Non-Polar Material	1664A			03/03/25 09:40	
Q1455-02	NON POLAR MATERIAL	WATER			02/27/25 10:30			02/27/25
			Non-Polar Material	1664A			03/03/25 09:40	
Q1455-03	NON POLAR MATERIAL	WATER			02/27/25 11:00			02/27/25
			Non-Polar Material	1664A			03/03/25 09:40	
Q1455-04	NON POLAR MATERIAL	WATER			02/27/25 11:30			02/27/25
			Non-Polar Material	1664A			03/03/25 09:40	
Q1455-05	BOD	WATER			02/27/25 11:30			02/27/25
			BOD_7	SM5210 B			02/28/25 16:00	
Q1455-06	COD	Water			02/27/25 11:30			02/27/25
			COD	SM5220 D			03/06/25 14:02	



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: American WAX
ADDRESS: 3930 Review Ave.
CITY: Long Island City STATE: NY ZIP: 11101
ATTENTION: Ron/Steve
PHONE: 718 392-8080 FAX:

PROJECT NAME: Water Testing
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

BILL TO: Same PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:
ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ 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

New 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	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	<i>New Polar Material</i>			X	<i>2-27-25</i>	<i>10 AM</i>	1	X									
2.	<i>New Polar Material</i>			X	<i>2-27-25</i>	<i>10:30</i>	1	X									
3.	<i>New Polar Material</i>			X	<i>2-27-25</i>	<i>11 AM</i>	1	X									
4.	<i>New Polar Material</i>			X	<i>2-27-25</i>	<i>11:30</i>	1	X									
5.	<i>BOD</i>		X		<i>2-27-25</i>	<i>11:30</i>	1		X								
6.	<i>COD</i>		X		<i>2-27-25</i>	<i>11:30</i>	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: <i>11:50</i>	RECEIVED BY:	Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <i>2.1°C</i>
1. <i>Steve Black</i>	<i>2-27-25</i>	1. <i>[Signature]</i>	Comments:
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2.		2.	
RELINQUISHED BY SAMPLER:	DATE/TIME: <i>1740</i>	RECEIVED BY:	CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Other
3. <i>[Signature]</i>	<i>2-27-25</i>	3.	Shipment Complete <input type="checkbox"/> YES <input type="checkbox"/> 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