

## 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





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**Client Sample Number** 

## **Cover Page**

- **Order ID :** Q1455
- Project ID : Semi Annual 2025
  - Client : American Wax

#### Lab Sample Number

Q1455-01	NON POLAR MATERIAL
Q1455-02	NON POLAR MATERIAL
Q1455-03	NON POLAR MATERIAL
Q1455-04	NON POLAR MATERIAL
Q1455-05	BOD
Q1455-06	COD
Q1455-06	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 :

Date: 3/7/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

## CASE NARRATIVE

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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\_\_\_\_\_



## 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									
Ε	Indicates the reported value is estimated because of the presence of interference									
М	Indicates Duplicate injection precision not met.									
Ν	Indicates the spiked sample recovery is not within control limits.									
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).									
*	ndicates 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 OR	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 analyzedIndicates 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									
Н	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)	<u> </u>
Check chain-of-custody for proper relinquish/return of samples	<u>✓</u>
Is the chain of custody signed and complete	
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	<u>✓</u>
Collect information for each project id from server. Were all requirements followed	<u>✓</u>
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	<u>✓</u>
Do lab numbers and client Ids on cover page agree with the Chain of Custody	<u>✓</u>
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	<u>✓</u>
Do requested analyses on Chain of Custody agree with the log-in page	<u>✓</u>
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	
Were the samples received within hold time	<u>✓</u>
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	<u> </u>
ANALYTICAL:	
Was method requirement followed?	<u> </u>
Was client requirement followed?	<u>✓</u>
Does the case narrative summarize all QC failure?	<u>✓</u>
All runlogs and manual integration are reviewed for requirements	
All manual calculations and /or hand notations verified	<u> </u>

QA Review Signature: SOHIL JODHANI





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В



Client: Project:	American Semi Ann			_	Date Collected:	02/27/25 02/27/25	
Client Sample ID:	~ • • • • • • • • • • • • • • • • • • •	LAR MATERIAL		_	SDG No.:	Q1455	
Lab Sample ID:	Q1455-01	l		Ν	Matrix:	WATER	
				0	% 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 09:4	0 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



Client Sample ID:		-	R MATERIAL		SDG No.:	Q1455	
Lab Sample ID:	Q1455	5-02			Matrix: % Solid:	WATER 0	

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
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- E = Indicates the reported value is estimated because of the presence of interference.
- OR = Over Range
- N =Spiked sample recovery not within control limits



Client Sample ID:       NON POLAR MATERIAL       SDG No.:         Lab Sample ID:       Q1455-03       Matrix:         % Solid:       % Solid:	Q1455 WATER 0 Date Ana. Ana Met.
Lab Sample ID: Q1455-03 Matrix:	WATER
Client Sample ID: NON POLAR MATERIAL SDG No.:	Q1455
Project: Semi Annual 2025 Date Received:	02/27/25
Client: American Wax Date Collected:	02/27/25 11:00

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

- E = Indicates the reported value is estimated because of the presence of interference.
- OR = Over Range
- N =Spiked sample recovery not within control limits

<sup>\* =</sup> indicates the duplicate analysis is not within control limits.



						B
	Client:	American Wax		Date Collected	02/27/25 11:30	
	Project:	Semi Annual 2025		Date Received:	02/27/25	C
	Client Sample ID:	NON POLAR MATE	RIAL	SDG No.:	Q1455	
	Lab Sample ID:	Q1455-04		Matrix:	WATER	
				% Solid:	0	
]	Parameter	Conc. Qua. DF MD	L LOQ / CRQL	Units Prep Date	e 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



Client:	American	Wax			Date Collected:	02/27/25 1	11:30	
Project:	Semi Ann	ual 2025		Date Received:	02/27/25	25		
Client Sample ID:	BOD			SDG No.:	Q1455			
Lab Sample ID:	Q1455-05	ī		Matrix:	WATER			
					% Solid:	0		
Parameter	Conc. Qua. DF MDL LOQ/CR		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

- 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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<sup>\* =</sup> indicates the duplicate analysis is not within control limits.



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

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## LAB CHRONICLE

OrderID: Client: Contact:	Q1455 American Wax Steve Pollack			OrderDate: Project: Location:	2/27/2025 12:2: Semi Annual 20 H11			
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1455-01	NON POLAR MATERIAL	WATER	Non-Polar Material	1664A	02/27/25 10:00		03/03/25 09:40	02/27/25
Q1455-02	NON POLAR MATERIAL	WATER	Non-Polar Material	1664A	02/27/25 10:30		03/03/25 09:40	02/27/25
Q1455-03	NON POLAR MATERIAL	WATER	Non-Polar Material	1664A	02/27/25 11:00		03/03/25 09:40	02/27/25
Q1455-04	NON POLAR MATERIAL	WATER	Non-Polar Material	1664A	02/27/25 11:30		03/03/25 09:40	02/27/25
Q1455-05	BOD	WATER	BOD_7	SM5210 B	02/27/25 11:30		02/28/25 16:00	02/27/25
Q1455-06	COD	Water	COD	SM5220 D	02/27/25 11:30		03/06/25 14:02	02/27/25



# <u>SHIPPING</u> DOCUMENTS

	liance	(908) 789-8900 · Fax (908) 789-8922										ALLIANCE PROJECT NO. Q1455 QUOTE NO. COC Number 2046184					- 6		
	CLIENT INFORMATION				CLIENT P	ROJECT IN	FORM/	TION		30,1				CLIENT BILLING INFORMATION					
	AMERICAN WAK									0:	SA	Ame po#:							
	3930 Review Ave.	PROJEC	CT NO	).:		LOCA	TION:				ADDRI	ESS:							-
/	Island City STATE: Nilizip: 11101	PROJEC	CT MA	NAC	GER:					_		TION				STA		ZIP:	
ATTENTION: 718 39		PHONE:	6			FA	X:				ATTEN	TION:			AN	PHC ALYSIS	100		
	DATA TURNAROUND INFORMATION		D	ATA	A DELIVE	RABLE IN	FORM	ATION							_	_	/ /		
EDD: *TO BE APPRO	DAYS* ATA PACKAGE):DAYS* DAYS* DAYS* VED BY CHEMTECH RDCOPY TURNAROUND TIME IS 10 BUSINESS	Level	2 (Res 3 (Res w Data	sults sults a)	+ QC) □ + QC □ □	Level 4 (QC NJ Reduced NYS ASP A Other		S EPA CI	LP	ar Ha BC	PRES			/	8	9.		OMMENTS	
ALLIANCE	BDO IFOT		SAM TYI			MPLE ECTION	BOTTLES	0	Ar	C							- Speci	fy Preservatives	1
SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	COMP	GRAB I	DATE	TIME	# OF BOT	C 1	NONE 2	3	4	5	6	7	8	9	A-HCI B-HN03 C-H2SO4	D-NaOH E-ICE F-OTHER	
1.	Nou Polar Material			K	227-25	10AM	1	$\checkmark$											1
2.	Now Polar Materia C			X	2-27-25	10:30	1	X											1
3.	New Polar Materia (			X	227-25	11 AH	1	×											
4.	Now Polar Material			X	2.27.25		L	×											1
5.	BOD		$\times$		2-27-25	11:30	1		$\left \times\right $										
6.	COD		$\chi$		2.21-25	1130	1			$\times$									]
7.	·																		
8.																			1
9.																			1
10.															1	1			1
RELINQUISHED B 1. ST <u>EVE 61/0</u> RELINQUISHED B 2.	Y SAMPLER: DATE/TIME: RECEIVED BY: 2.			30	2 Conditio	ons of bottles o		-	_				_				2.110	J°	
RELINIONISHED BY	AD 2.27-25 3.				Page	of		CLIEN		Hand De	livered	0	her				Shipmer	t Complete	
Q1455	WHITE - ALLIANC	CE COPY FOR	RETU	RN T	O CLIENT	YELLOV 17 of 1	/ - ALLIA 8	NCE COI	PY	PINK - S	AMPLER (	COPY							41



## 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