

ORIGINS LABORATORY

CDH Consulting

Andrew Davis

9446 Clermont St

Thornton

CO

80229

January 29, 2026

Project Name - Chevron - Aristocrat PC H11-22D

Project Number - 31342

Attached are your analytical results for Chevron - Aristocrat PC H11-22D received by Origins Laboratory January 22, 2026. This project is associated with Origins project number DJA0366-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

The laboratory is TNI accredited by the Utah DHHS ELAP under certificate number CO010822024.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory
303.433.1322
projectmanager@originslab.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645



CDH Consulting
9446 Clermont St
Thornton CO 80229

Andrew Davis
Project Number: 31342
Project: Chevron - Aristocrat PC H11-22D

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	DJA0366-01	Water	January 22, 2026 11:34	01/22/2026 13:23
MW02	DJA0366-02	Water	January 22, 2026 11:53	01/22/2026 13:23
MW03	DJA0366-03	Water	January 22, 2026 11:24	01/22/2026 13:23
MW04	DJA0366-04	Water	January 22, 2026 11:45	01/22/2026 13:23
MW05	DJA0366-05	Water	January 22, 2026 12:03	01/22/2026 13:23

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F-012207-01-R1
Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: DJA0366

Client: CDH

Client Project ID: Aristocrat PL H 11-22D

Checklist Completed by: Aw / ARZ

Shipped Via: HD

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/Time completed: 1/22/26

Airbill #: N/A

Matrix(s) Received: (Check all that apply): Soil/Solid Water Other:

Cooler Number/Temperature: 1 / 3.6 °C / °C / °C (Describe) °C

Thermometer ID: T-004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	X			
Is there ice present (document if blue ice is used)	X			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		X		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		X		
Were all samples received intact ⁽¹⁾ ?	X			
Was adequate sample volume provided ⁽¹⁾ ?	X			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		X		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	X			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	X			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	X			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	X			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.		X		
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)	X			NC
Additional Comments (if any):				

⁽¹⁾If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Jack A
Reviewed by (Project Manager)

1/23/26
Date/Time Reviewed



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 9446 Clermont St
 Thornton CO 80229

Andrew Davis
 Project Number: 31342
 Project: Chevron - Aristocrat PC H11-22D

MW01

1/22/2026 11:34:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0366-01 (Water)									
Origins Laboratory									
BTEX+N+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		2.00	ug/L	1	6A24019	01/24/2026	01/24/2026	U
1,3,5-Trimethylbenzene	ND		2.00	"	"	"	"	"	U
Benzene	ND		1.00	"	"	"	"	"	U
Ethylbenzene	ND		1.00	"	"	"	"	"	U
Naphthalene	ND		2.00	"	"	"	"	"	U
Toluene	ND		1.00	"	"	"	"	"	U
Xylenes, total	ND		1.00	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	104 %				70-130	"	"	"	
Surrogate: Toluene-d8	94.8 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	92.6 %				70-130	"	"	"	
Chloride and Sulfate By EPA 300.0									
Chloride	256		31.2	mg/L	125	6A23050	01/23/2026	01/26/2026	
Sulfate	353		31.2	"	"	"	"	"	
Total Dissolved Solids by 2540C									
Total Dissolved Solids	1280		5.00	"	1	6A22020	01/23/2026	01/24/2026	

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MW02

1/22/2026 11:53:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0366-02 (Water)									
Origins Laboratory									
BTEX+N+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		2.00	ug/L	1	6A24019	01/24/2026	01/24/2026	U
1,3,5-Trimethylbenzene	ND		2.00	"	"	"	"	"	U
Benzene	ND		1.00	"	"	"	"	"	U
Ethylbenzene	ND		1.00	"	"	"	"	"	U
Naphthalene	ND		2.00	"	"	"	"	"	U
Toluene	ND		1.00	"	"	"	"	"	U
Xylenes, total	ND		1.00	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	99.7 %				70-130	"	"	"	
Surrogate: Toluene-d8	100 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	95.6 %				70-130	"	"	"	
Chloride and Sulfate By EPA 300.0									
Chloride	241		31.2	mg/L	125	6A23050	01/23/2026	01/26/2026	
Sulfate	313		31.2	"	"	"	"	"	
Total Dissolved Solids by 2540C									
Total Dissolved Solids	1040		5.00	"	1	6A22020	01/23/2026	01/24/2026	

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MW03

1/22/2026 11:24:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0366-03 (Water)
 Origins Laboratory**

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		2.00	ug/L	1	6A24019	01/24/2026	01/24/2026	U
1,3,5-Trimethylbenzene	ND		2.00	"	"	"	"	"	U
Benzene	ND		1.00	"	"	"	"	"	U
Ethylbenzene	ND		1.00	"	"	"	"	"	U
Naphthalene	ND		2.00	"	"	"	"	"	U
Toluene	ND		1.00	"	"	"	"	"	U
Xylenes, total	ND		1.00	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	103 %				70-130	"	"	"	
Surrogate: Toluene-d8	98.8 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	95.3 %				70-130	"	"	"	

Chloride and Sulfate By EPA 300.0

Chloride	229		31.2	mg/L	125	6A23050	01/23/2026	01/26/2026	
Sulfate	327		31.2	"	"	"	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	1080		5.00	"	1	6A22020	01/23/2026	01/24/2026	
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MW04

1/22/2026 11:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0366-04 (Water)
 Origins Laboratory**

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		2.00	ug/L	1	6A24019	01/24/2026	01/24/2026	U
1,3,5-Trimethylbenzene	ND		2.00	"	"	"	"	"	U
Benzene	ND		1.00	"	"	"	"	"	U
Ethylbenzene	ND		1.00	"	"	"	"	"	U
Naphthalene	ND		2.00	"	"	"	"	"	U
Toluene	ND		1.00	"	"	"	"	"	U
Xylenes, total	ND		1.00	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	104 %				70-130	"	"	"	
Surrogate: Toluene-d8	98.9 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	96.5 %				70-130	"	"	"	

Chloride and Sulfate By EPA 300.0

Chloride	247		31.2	mg/L	125	6A23050	01/23/2026	01/26/2026	
Sulfate	338		31.2	"	"	"	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	1200		5.00	"	1	6A22020	01/23/2026	01/24/2026	
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MW05

1/22/2026 12:03:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0366-05 (Water)
 Origins Laboratory**

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		2.00	ug/L	1	6A24019	01/24/2026	01/24/2026	U
1,3,5-Trimethylbenzene	ND		2.00	"	"	"	"	"	U
Benzene	ND		1.00	"	"	"	"	"	U
Ethylbenzene	ND		1.00	"	"	"	"	"	U
Naphthalene	ND		2.00	"	"	"	"	"	U
Toluene	ND		1.00	"	"	"	"	"	U
Xylenes, total	ND		1.00	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	101 %				70-130	"	"	"	
Surrogate: Toluene-d8	102 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	96.6 %				70-130	"	"	"	

Chloride and Sulfate By EPA 300.0

Chloride	262		31.2	mg/L	125	6A23050	01/23/2026	01/26/2026	
Sulfate	441		31.2	"	"	"	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	1290		5.00	"	1	6A22020	01/23/2026	01/24/2026	
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Classical Chemistry Parameters - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6A22020 - NO PREP

Blank (6A22020-BLK1)

Prepared: 01/23/2026 Analyzed: 01/24/2026

Total Dissolved Solids	ND	5.00	mg/L							U
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LCS (6A22020-BS1)

Prepared: 01/23/2026 Analyzed: 01/24/2026

Total Dissolved Solids	988	5.00	mg/L	1040		95.0	90-110			
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Duplicate (6A22020-DUP1)

Source: DJA0338-11

Prepared: 01/23/2026 Analyzed: 01/24/2026

Total Dissolved Solids	3090	5.00	mg/L		3070			0.779	10	
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Batch 6A23050 - Filter .45um non acidified

Blank (6A23050-BLK1)

Prepared: 01/23/2026 Analyzed: 01/26/2026

Chloride	ND	0.250	mg/L							U
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Sulfate	ND	0.250	"							U
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LCS (6A23050-BS1)

Prepared: 01/23/2026 Analyzed: 01/26/2026

Chloride	3.85	0.250	mg/L	4.00		96.4	90-110			
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Sulfate	4.02	0.250	"	4.00		100	90-110			
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Matrix Spike (6A23050-MS1)

Source: DJA0393-01

Prepared: 01/23/2026 Analyzed: 01/26/2026

Chloride	495	31.2	mg/L	500	10.3	97.0	90-110			
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Sulfate	577	31.2	"	500	58.7	104	90-110			
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Matrix Spike Dup (6A23050-MSD1)

Source: DJA0393-01

Prepared: 01/23/2026 Analyzed: 01/26/2026

Chloride	491	31.2	mg/L	500	10.3	96.2	90-110	0.872	5	
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Sulfate	565	31.2	"	500	58.7	101	90-110	2.05	5	
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Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6A24019 - EPA 5030B (Water)

Blank (6A24019-BLK1)

Prepared: 01/24/2026 Analyzed: 01/24/2026

1,2,4-Trimethylbenzene	ND	2.00	ug/L							U
1,3,5-Trimethylbenzene	ND	2.00	"							U
Benzene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Naphthalene	ND	2.00	"							U
Toluene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U

Surrogate: 1,2-Dichloroethane-d4	61		"	62.5		97.4	70-130
Surrogate: Toluene-d8	60		"	62.5		96.4	70-130
Surrogate: 4-Bromofluorobenzene	58		"	62.5		92.6	70-130

LCS (6A24019-BS1)

Prepared: 01/24/2026 Analyzed: 01/24/2026

1,2,4-Trimethylbenzene	44.0	2.00	ug/L	50.0		88.0	70-130
1,3,5-Trimethylbenzene	46.6	2.00	"	50.0		93.1	70-130
Benzene	47.2	1.00	"	50.0		94.5	70-130
Ethylbenzene	45.8	1.00	"	50.0		91.6	70-130
m,p-Xylene	92.4	2.00	"	100		92.4	70-130
Naphthalene	42.4	2.00	"	50.0		84.9	70-130
o-Xylene	42.9	1.00	"	50.0		85.8	70-130
Toluene	48.2	1.00	"	50.0		96.5	70-130

Surrogate: 1,2-Dichloroethane-d4	61		"	62.5		97.2	70-130
Surrogate: Toluene-d8	63		"	62.5		101	70-130
Surrogate: 4-Bromofluorobenzene	61		"	62.5		98.1	70-130

Matrix Spike (6A24019-MS1)

Source: DJA0366-01

Prepared: 01/24/2026 Analyzed: 01/24/2026

1,2,4-Trimethylbenzene	46.1	2.00	ug/L	50.0	ND	92.2	70-130
1,3,5-Trimethylbenzene	47.4	2.00	"	50.0	ND	94.8	70-130

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Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6A24019 - EPA 5030B (Water)

Matrix Spike (6A24019-MS1)		Source: DJA0366-01			Prepared: 01/24/2026 Analyzed: 01/24/2026					
Benzene	49.8	1.00	ug/L	50.0	ND	99.6	70-130			
Ethylbenzene	47.3	1.00	"	50.0	ND	94.7	70-130			
m,p-Xylene	95.4	2.00	"	100	ND	95.4	70-130			
Naphthalene	43.3	2.00	"	50.0	0.530	85.6	70-130			
o-Xylene	46.1	1.00	"	50.0	ND	92.1	70-130			
Toluene	47.8	1.00	"	50.0	ND	95.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	61		"	62.5		97.4	70-130			
Surrogate: Toluene-d8	58		"	62.5		93.2	70-130			
Surrogate: 4-Bromofluorobenzene	60		"	62.5		96.5	70-130			

Matrix Spike Dup (6A24019-MSD1)		Source: DJA0366-01			Prepared: 01/24/2026 Analyzed: 01/24/2026					
1,2,4-Trimethylbenzene	43.8	2.00	ug/L	50.0	ND	87.6	70-130	5.12	20	
1,3,5-Trimethylbenzene	45.3	2.00	"	50.0	ND	90.7	70-130	4.42	20	
Benzene	48.6	1.00	"	50.0	ND	97.1	70-130	2.54	20	
Ethylbenzene	45.7	1.00	"	50.0	ND	91.5	70-130	3.42	20	
m,p-Xylene	89.0	2.00	"	100	ND	89.0	70-130	7.02	20	
Naphthalene	45.4	2.00	"	50.0	0.530	89.8	70-130	4.73	20	
o-Xylene	43.0	1.00	"	50.0	ND	86.0	70-130	6.83	20	
Toluene	46.5	1.00	"	50.0	ND	93.0	70-130	2.74	20	
Surrogate: 1,2-Dichloroethane-d4	61		"	62.5		97.4	70-130			
Surrogate: Toluene-d8	59		"	62.5		95.1	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		98.0	70-130			

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Notes and Definitions

- U Sample is Non-Detect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

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