The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Chevron/Fremont

Kortum Separator

SGS Job Number: DA80980

Sampling Date: 04/01/26

Report to:

Chevron USA, Inc.
2115 117th Avenue
Greeley, CO 80634
nam.ehs.table915@sgs.com

ATTN: Paul Henehan

Total number of pages in report: 66

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Eric Hoffman

Client Service contact: Cristina Niclas 303-425-6021
Certifications: CO (CO00049), ND (R-027), UT (NELAP CO00049), LA (LA150028), TX (T104704511), WY (8TMS-L) HI (CO00049), NJ (CO011), NV (CO00049), AK (CO00049), CA (3076), and NC (08701)

Sections: 1 2 3 4 5 6 7 8 9 10 11

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SGS North America Inc.

Sample Summary

Chevron/Fremont

Kortum Separator

Job No: DA80980

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA80980-1	04/01/26	10:00	PH	04/01/26	SO	Soil	FS-06 (3)
DA80980-1A	04/01/26	10:00	PH	04/01/26	SO	Soil	FS-06 (3)
DA80980-1B	04/01/26	10:00	PH	04/01/26	SO	Soil	FS-06 (3)
DA80980-1C	04/01/26	10:00	PH	04/01/26	SO	Soil	FS-06 (3)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

2

Summary of Hits

Job Number: DA80980
Account: Chevron/Fremont
Project: Kortum Separator
Collected: 04/01/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA80980-1	**FS-06 (3)**					
No hits reported in this sample.						
DA80980-1A	**FS-06 (3)**					
Calcium		17.3	6.0		mg/l	SW846 6010D
Magnesium		7.86	3.0		mg/l	SW846 6010D
Sodium		156	6.0		mg/l	SW846 6010D
Sodium Adsorption Ratio [a]		7.81			ratio	USDA HANDBOOK 60
DA80980-1B	**FS-06 (3)**					
Boron		0.343	0.25		mg/l	SW846 6010D
DA80980-1C	**FS-06 (3)**					
Arsenic		6.8	0.21		mg/kg	SW846 6020B
Barium		141	2.1		mg/kg	SW846 6020B
Cadmium		0.23	0.11		mg/kg	SW846 6020B
Copper		15.9	2.1		mg/kg	SW846 6020B
Lead		14.5	0.53		mg/kg	SW846 6020B
Nickel		16.5	2.1		mg/kg	SW846 6020B
Selenium		0.39	0.21		mg/kg	SW846 6020B
Zinc		48.1	11		mg/kg	SW846 6020B
pH [b]		8.36			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.88	0.0010		mmhos/cm	SM 2510B-2011 MOD

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]
(b) Saturated paste generated on 4/2/2026

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	FS-06 (3)		
Lab Sample ID:	DA80980-1	**Date Sampled:**	04/01/26
Matrix:	SO - Soil	**Date Received:**	04/01/26
Method:	SW846 8260D SW846 5035A	**Percent Solids:**	85.2
Project:	Kortum Separator		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9AV7867.D	1	04/02/26 11:23	MB	n/a	n/a	V9V969
Run #2							

	Initial Weight	Final Volume
Run #1	5.24 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0022	0.0022	mg/kg	
108-88-3	Toluene	< 0.0022	0.0022	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0022	0.0022	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%
17060-07-0	1,2-Dichloroethane-D4	102%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FS-06 (3)		
Lab Sample ID:	DA80980-1	**Date Sampled:**	04/01/26
Matrix:	SO - Soil	**Date Received:**	04/01/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	85.2
Project:	Kortum Separator		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G64934.D	1	04/02/26 02:23	TH	04/01/26 15:00	OP30699	E3G3063
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0045	0.0045	mg/kg	
120-12-7	Anthracene [a]	< 0.0045	0.0045	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0056	0.0056	mg/kg	
205-99-2	Benzo(b)fluoranthene [a]	< 0.0045	0.0045	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0045	0.0045	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0045	0.0045	mg/kg	
218-01-9	Chrysene	< 0.0045	0.0045	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0045	0.0045	mg/kg	
206-44-0	Fluoranthene	< 0.0045	0.0045	mg/kg	
86-73-7	Fluorene [a]	< 0.0045	0.0045	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0045	0.0045	mg/kg	
90-12-0	1-Methylnaphthalene [a]	< 0.0045	0.0045	mg/kg	
91-57-6	2-Methylnaphthalene [a]	< 0.0045	0.0045	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene [a]	< 0.0045	0.0045	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	69%		22-138%
4165-60-0	Nitrobenzene-d5	93%		32-143%
1718-51-0	Terphenyl-d14	79%		48-149%

(a) Associated CCV outside of control limits high.

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FS-06 (3)		
Lab Sample ID:	DA80980-1	**Date Sampled:**	04/01/26
Matrix:	SO - Soil	**Date Received:**	04/01/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	85.2
Project:	Kortum Separator		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN103293.D	1	04/02/26 00:36	JB	04/01/26 15:00	OP30698	GFN677
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.5	4.5	mg/kg	
	TPH-ORO (> C28-C36)	< 6.8	6.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	57%		30-132%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FS-06 (3)		
Lab Sample ID:	DA80980-1A	**Date Sampled:**	04/01/26
Matrix:	SO - Soil	**Date Received:**	04/01/26
		Percent Solids:	85.2
Project:	Kortum Separator		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	17.3	6.0	mg/l	1	04/02/26	04/02/26	BR	SW846 6010D [1]	USDA HANDBOOK 60 [2]
Magnesium	7.86	3.0	mg/l	1	04/02/26	04/02/26	BR	SW846 6010D [1]	USDA HANDBOOK 60 [2]
Sodium	156	6.0	mg/l	1	04/02/26	04/02/26	BR	SW846 6010D [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20397
(2) Prep QC Batch: MP47324

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS-06 (3)		
Lab Sample ID:	DA80980-1A	**Date Sampled:**	04/01/26
Matrix:	SO - Soil	**Date Received:**	04/01/26
		Percent Solids:	85.2
Project:	Kortum Separator		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	7.81		ratio	1	04/02/26 23:06	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS-06 (3)		
Lab Sample ID:	DA80980-1B	**Date Sampled:**	04/01/26
Matrix:	SO - Soil	**Date Received:**	04/01/26
		Percent Solids:	85.2
Project:	Kortum Separator		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.343	0.25	mg/l	1	04/02/26	04/02/26	CDL	SW846 6010D [1]	HWS-B [2]

(1) Instrument QC Batch: MA20403
(2) Prep QC Batch: MP47313

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS-06 (3)		
Lab Sample ID:	DA80980-1C	**Date Sampled:**	04/01/26
Matrix:	SO - Soil	**Date Received:**	04/01/26
		Percent Solids:	85.2
Project:	Kortum Separator		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	6.8	0.21	mg/kg	10	04/02/26	04/03/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	141	2.1	mg/kg	10	04/02/26	04/03/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.23	0.11	mg/kg	10	04/02/26	04/03/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	15.9	2.1	mg/kg	10	04/02/26	04/03/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	14.5	0.53	mg/kg	10	04/02/26	04/03/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	16.5	2.1	mg/kg	10	04/02/26	04/03/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.39	0.21	mg/kg	10	04/02/26	04/03/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	04/02/26	04/03/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	48.1	11	mg/kg	10	04/02/26	04/03/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20396
(2) Prep QC Batch: MP47316

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS-06 (3)		
Lab Sample ID:	DA80980-1C	**Date Sampled:**	04/01/26
Matrix:	SO - Soil	**Date Received:**	04/01/26
		Percent Solids:	85.2
Project:	Kortum Separator		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH [a]	8.36		su	1	04/02/26 17:00	GC	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.88	0.0010	mmhos/cm	1	04/02/26 17:12	GC	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.49	0.49	mg/kg	1	04/04/26 13:58	AFL	SW846 7199

(a) Saturated paste generated on 4/2/2026
(b) Sample was digested on 04/03/2026 Analysis performed at SGS Orlando, FL. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

Bottle Order Control #:
FED-EX Tracking #:
SGS Quote #:
SGS Job # DA 80980

Client / Reporting Information

Company: CHEVRON / FREMONT
Street:
City, State ZIP:
Project Contact: HENEHAN
Phone:
Email: CDH-3 MICHELLE
Sampler(s) Name(s): HENEHAN

Project Information

Project Name: KORIUM SEPARATOR
Street:
City, State ZIP:
Project #:
Client Purchase Order #:
Project Manager: HENEHAN

Billing Information (if different from Report to)

Company: CHEVRON, L-PDC
Street Address:
City, State ZIP:
Attention: MICHELLE

Requested Analysis (see TEST CODE sheet)

FULL TABLE 715-1 SOIL

Matrix Codes

GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED - Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB - Equipment Blank
RB - Rinse Blank
TB - Trip Blank
D=dissolved metals
PD=Potentially dissolved
TR=Total recoverable

Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: NONE	HCl	NaOH	HNO3	H2SO4	DI Water	MeOH	ENCORE	Na2S2O3	Na2SO3	LAB USE ONLY
01 FS-06 (3)	4/1	1000	PH	S	3	✓										✓

Turnaround Time (Business days)

- [ ] Standard 10 Business Days
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [X] 1 Business Day EMERGENCY

Special Reporting Instructions
- [ ] Report in PPB
- [ ] Report in PPM
- [ ] Report MDLs

Emergency & Rush T/A data available via Email or LabLink. RUSH TAT approval needed.

Data Deliverable Information

- [ ] Commercial "A" (Level 1, Results Only)
- [ ] Commercial "B" (Level 2, Results + QC Summary)
- [ ] COMMBN (Results/QC/Narrative)
- [ ] COMMBN+ (Results/QC/Narrative (+ chromatograms))
- [ ] REDT2 (Results/QC Summary/partial raw data)
- [ ] FULT1
- [ ] EDD Format

Comments / Special Instructions

**Metals: specify metal(s), method, and type (D, PD, TR)

Sample Custody must be documented below each time samples change possession, including courier, Fed Ex, USP, USPS delivery.

Relinquished by Sampler/Affiliation:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
1 CHATFE	4/1/26 1430	1 GSO	2 SOS	4.1.26 1730	2
Relinquished by/Affiliation:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
3		3	4		4

Custody Seal #: Intact [ ] Not intact [ ] Absent [ ]
Preserved where applicable [ ] Cooler Temp. °C (corrected): 4.0 Therm. ID: T91 On Ice [X]

http://www.sgs.com/en/terms-and-conditions

Current Regular COC 23MAY23.xls; FORM: EHSA-QAC-0027-01-FORM-Wheat Ridge - COC; RV 9/2/21

DA80980: Chain of Custody
Page 1 of 2

SGS Sample Receipt Summary

Job Number: da80980 **Client:** FREMONT **Project:** KORTUM SEPARATOR

Date / Time Received: 4/1/2026 6:30:00 PM **Delivery Method:** co **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (4.0);

Cooler Temps (Corrected) °C: Cooler 1: (4.0);

Cooler Informatio	Y	or	N
1. Custody Seals Present:	☑		☐
2. Custody Seals Intact:	☑		☐
3. Temp criteria achieved:	☑		☐
4. Cooler temp verification:	IR Gun		
5. Cooler media:	Ice (Bag)		

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑

	W	or	S	N/A
3. Type of TB Received:	☐		☐	☑

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles:	☑		☐	
2. Samples presented properly:	☑		☐	
3. Suffiient volume/containers recv'd for analysis:	☑		☐	
4. Condition of sample:	Intact			
5. Sample recv'd within HT:	☑		☐	
6. Dates/Times/IDs on COC match sample label:	☑		☐	
7. VOCs have headspace:	☐		☐	☑
8. Bottles received for unspecified tests:	☐		☑	
9. Compositing instructions clear:	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☑
11. % Solids Jar Received?	☑		☐	☐

Misc Information

Number of Encores: 25 Gram 5 Gram Number of Lab Filtered Metals:

Test Strip Lot #s: pH 0-3: pH 10-12: Other: (Specify)

Residual Chlorine Test Strip Lot #

Comments

SM001
Rev. Date 05/04/17

Technician: VALENTIN Date: 4/1/2026 6:04:32 PM Reviewer: Date:

DA80980: Chain of Custody
Page 2 of 2

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: DA80980
Account: CHEVFREE Chevron/Fremont
Project: Kortum Separator

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V9V969-MB	9AV7848.D	1	04/02/26	MB	n/a	n/a	V9V969

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA80980-1

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
108-88-3	Toluene	ND	2.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	
	TPH-GRO (C6-C10)	ND	200	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	95%	70-130%
2037-26-5	Toluene-D8	100%	70-130%
460-00-4	4-Bromofluorobenzene	102%	70-130%
17060-07-0	1,2-Dichloroethane-D4	103%	70-130%

Blank Spike Summary

Job Number: DA80980
Account: CHEVFREE Chevron/Fremont
Project: Kortum Separator

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V9V969-BS	9AV7846.D	1	04/02/26	MB	n/a	n/a	V9V969

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA80980-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	43.5	87	70-130
100-41-4	Ethylbenzene	50	45.8	92	70-130
108-88-3	Toluene	50	44.2	88	70-130
95-63-6	1,2,4-Trimethylbenzene	50	48.1	96	70-134
108-67-8	1,3,5-Trimethylbenzene	50	48.1	96	70-134
	m,p-Xylene	100	92.1	92	70-130
95-47-6	o-Xylene	50	46.8	94	70-136
1330-20-7	Xylene (total)	150	139	93	70-131

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	93%	70-130%
2037-26-5	Toluene-D8	101%	70-130%
460-00-4	4-Bromofluorobenzene	104%	70-130%
17060-07-0	1,2-Dichloroethane-D4	100%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA80980
Account: CHEVFREE Chevron/Fremont
Project: Kortum Separator

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V9V969-BS	9AV7847.D	1	04/02/26	MB	n/a	n/a	V9V969

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA80980-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1480	74	64-144

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	91%	70-130%
2037-26-5	Toluene-D8	100%	70-130%
460-00-4	4-Bromofluorobenzene	101%	70-130%
17060-07-0	1,2-Dichloroethane-D4	99%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA80980
Account: CHEVFREE Chevron/Fremont
Project: Kortum Separator

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA80915-3MS	9AV7851.D	1	04/02/26	MB	n/a	n/a	V9V969
DA80915-3MSD	9AV7852.D	1	04/02/26	MB	n/a	n/a	V9V969
DA80915-3	9AV7849.D	1	04/02/26	MB	n/a	n/a	V9V969

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA80980-1

CAS No.	Compound	DA80915-3 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 1.1		55.4	42.9	77	55	40.6	74	6	44-150/44
100-41-4	Ethylbenzene	< 2.2		55.4	49.3	89	55	48.4	88	2	41-149/49
108-88-3	Toluene	< 2.2		55.4	45.9	83	55	45.2	82	2	40-149/47
95-63-6	1,2,4-Trimethylbenzene	< 2.2		55.4	52.1	94	55	50.9	93	2	26-164/57
108-67-8	1,3,5-Trimethylbenzene	< 2.2		55.4	53.1	96	55	51.3	93	3	30-161/60
	m,p-Xylene	< 2.2		111	99.2	90	110	98.0	89	1	36-152/49
95-47-6	o-Xylene	< 2.2		55.4	51.1	92	55	49.5	90	3	33-168/49
1330-20-7	Xylene (total)	< 2.2		166	150	90	165	147	89	2	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA80915-3	Limits
1868-53-7	Dibromofluoromethane	94%	94%	95%	70-130%
2037-26-5	Toluene-D8	100%	100%	100%	70-130%
460-00-4	4-Bromofluorobenzene	102%	103%	103%	70-130%
17060-07-0	1,2-Dichloroethane-D4	100%	100%	103%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA80980
Account: CHEVFREE Chevron/Fremont
Project: Kortum Separator

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA80917-1MS	9AV7853.D	1	04/02/26	MB	n/a	n/a	V9V969
DA80917-1MSD	9AV7854.D	1	04/02/26	MB	n/a	n/a	V9V969
DA80917-1	9AV7850.D	1	04/02/26	MB	n/a	n/a	V9V969

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA80980-1

CAS No.	Compound	DA80917-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	< 220		2200	1630	74	2200	1590	72	2	18-158/83

CAS No.	Surrogate Recoveries	MS	MSD	DA80917-1	Limits
1868-53-7	Dibromofluoromethane	93%	92%	95%	70-130%
2037-26-5	Toluene-D8	99%	101%	99%	70-130%
460-00-4	4-Bromofluorobenzene	103%	103%	99%	70-130%
17060-07-0	1,2-Dichloroethane-D4	100%	100%	102%	70-130%

* = Outside of Control Limits.

MS Semi-volatiles

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: DA80980
Account: CHEVFREE Chevron/Fremont
Project: Kortum Separator

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30699-MB	3G64917.D	1	04/01/26	TH	04/01/26	OP30699	E3G3063

The QC reported here applies to the following samples: **Method:** SW846 8270E

DA80980-1

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	4.0	ug/kg	
120-12-7	Anthracene	ND	4.0	ug/kg	
56-55-3	Benzo(a)anthracene	ND	5.0	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	4.0	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	4.0	ug/kg	
50-32-8	Benzo(a)pyrene	ND	4.0	ug/kg	
218-01-9	Chrysene	ND	4.0	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	4.0	ug/kg	
206-44-0	Fluoranthene	ND	4.0	ug/kg	
86-73-7	Fluorene	ND	4.0	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.0	ug/kg	
90-12-0	1-Methylnaphthalene	ND	4.0	ug/kg	
91-57-6	2-Methylnaphthalene	ND	4.0	ug/kg	
91-20-3	Naphthalene	ND	2.0	ug/kg	
129-00-0	Pyrene	ND	4.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
321-60-8	2-Fluorobiphenyl	100%	22-138%
4165-60-0	Nitrobenzene-d5	105%	32-143%
1718-51-0	Terphenyl-d14	106%	48-149%

Blank Spike Summary

Job Number: DA80980
Account: CHEVFREE Chevron/Fremont
Project: Kortum Separator

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30699-BS3	3G64918.D	1	04/01/26	TH	04/01/26	OP30699	E3G3063

The QC reported here applies to the following samples: **Method:** SW846 8270E

DA80980-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	216	108	46-152
120-12-7	Anthracene	200	238	119	65-147
56-55-3	Benzo(a)anthracene	200	202	101	64-144
205-99-2	Benzo(b)fluoranthene	200	213	107	70-154
207-08-9	Benzo(k)fluoranthene	200	209	105	70-158
50-32-8	Benzo(a)pyrene	200	202	101	64-159
218-01-9	Chrysene	200	203	102	70-156
53-70-3	Dibenzo(a,h)anthracene	200	203	102	63-156
206-44-0	Fluoranthene	200	202	101	62-155
86-73-7	Fluorene	200	216	108	55-151
193-39-5	Indeno(1,2,3-cd)pyrene	200	190	95	67-156
90-12-0	1-Methylnaphthalene	200	191	96	21-168
91-57-6	2-Methylnaphthalene	200	196	98	18-161
91-20-3	Naphthalene	200	199	100	2-173
129-00-0	Pyrene	200	211	106	61-158

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	102%	22-138%
4165-60-0	Nitrobenzene-d5	106%	32-143%
1718-51-0	Terphenyl-d14	99%	48-149%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA80980
Account: CHEVFREE Chevron/Fremont
Project: Kortum Separator

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30699-MS3	3G64939.D	1	04/02/26	TH	04/01/26	OP30699	E3G3063
OP30699-MSD3	3G64940.D	1	04/02/26	TH	04/01/26	OP30699	E3G3063
DA80968-3	3G64921.D	1	04/01/26	TH	04/01/26	OP30699	E3G3063

The QC reported here applies to the following samples: **Method:** SW846 8270E

DA80980-1

CAS No.	Compound	DA80968-3 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	< 4.2		218	221	101	207	220	106	0	30-148/32
120-12-7	Anthracene	< 4.2		218	248	114	207	255	123	3	40-148/33
56-55-3	Benzo(a)anthracene	< 5.2		218	228	105	207	232	112	2	44-144/32
205-99-2	Benzo(b)fluoranthene	< 4.2		218	254	116	207	254	123	0	36-166/43
207-08-9	Benzo(k)fluoranthene	< 4.2		218	203	93	207	196	95	4	43-165/41
50-32-8	Benzo(a)pyrene	< 4.2		218	235	108	207	233	113	1	41-161/37
218-01-9	Chrysene	< 4.2		218	235	108	207	229	111	3	52-152/32
53-70-3	Dibenzo(a,h)anthracene	< 4.2		218	226	104	207	226	109	0	42-155/36
206-44-0	Fluoranthene	< 4.2		218	214	98	207	219	106	2	40-151/34
86-73-7	Fluorene	< 4.2		218	244	112	207	229	111	6	34-149/34
193-39-5	Indeno(1,2,3-cd)pyrene	< 4.2		218	219	100	207	201	97	9	41-156/37
90-12-0	1-Methylnaphthalene	< 4.2		218	228	105	207	219	106	4	23-149/36
91-57-6	2-Methylnaphthalene	< 4.2		218	240	110	207	215	104	11	18-144/35
91-20-3	Naphthalene	< 2.1		218	234	107	207	237	114	1	18-150/32
129-00-0	Pyrene	< 4.2		218	242	111	207	250	121	3	38-156/33

CAS No.	Surrogate Recoveries	MS	MSD	DA80968-3	Limits
321-60-8	2-Fluorobiphenyl	94%	88%	101%	22-138%
4165-60-0	Nitrobenzene-d5	109%	104%	128%	32-143%
1718-51-0	Terphenyl-d14	95%	91%	81%	48-149%

* = Outside of Control Limits.

GC/LC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: DA80980
Account: CHEVFREE Chevron/Fremont
Project: Kortum Separator

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30698-MB	FN103273.D	1	04/01/26	JB	04/01/26	OP30698	GFN677

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA80980-1

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	ND	4.0	mg/kg	
	TPH-ORO (> C28-C36)	ND	6.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	83%	30-132%

Blank Spike Summary

Job Number: DA80980
Account: CHEVFREE Chevron/Fremont
Project: Kortum Separator

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30698-BS1	FN103274.D	1	04/01/26	JB	04/01/26	OP30698	GFN677

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA80980-1

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	152	76	53-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	96%	30-132%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA80980
Account: CHEVFREE Chevron/Fremont
Project: Kortum Separator

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30698-BS2	FN103275.D	1	04/01/26	JB	04/01/26	OP30698	GFN677

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA80980-1

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	164	82	70-138

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	81%	30-132%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA80980
Account: CHEVFREE Chevron/Fremont
Project: Kortum Separator

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30698-MS1	FN103298.D	1	04/02/26	JB	04/01/26	OP30698	GFN677
OP30698-MSD1	FN103299.D	1	04/02/26	JB	04/01/26	OP30698	GFN677
DA80968-1	FN103276.D	1	04/01/26	JB	04/01/26	OP30698	GFN677

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA80980-1

CAS No.	Compound	DA80968-1 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	< 4.6		243	192	79	225	179	80	7	27-133/30

CAS No.	Surrogate Recoveries	MS	MSD	DA80968-1	Limits
84-15-1	o-Terphenyl	93%	90%	71%	30-132%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA80980
Account: CHEVFREE Chevron/Fremont
Project: Kortum Separator

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30698-MS2	FN103300.D	1	04/02/26	JB	04/01/26	OP30698	GFN677
OP30698-MSD2	FN103301.D	1	04/02/26	JB	04/01/26	OP30698	GFN677
DA80968-2	FN103277.D	1	04/01/26	JB	04/01/26	OP30698	GFN677

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA80980-1

CAS No.	Compound	DA80968-2 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-ORO (> C28-C36)	< 6.5		228	229	100	213	206	97	11	64-152/30

CAS No.	Surrogate Recoveries	MS	MSD	DA80968-2	Limits
84-15-1	o-Terphenyl	68%	57%	59%	30-132%

* = Outside of Control Limits.

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47313
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 04/02/26

Metal	RL	IDL	MDL	MB raw	final
Aluminum	500	9.9	75		
Antimony	150	30	34		
Arsenic	130	11	23		
Barium	50	.95	6.5		
Beryllium	50	.5	6.5		
Boron	250	6.3	32	8.5	<250
Cadmium	50	1.1	6.5		
Calcium	2000	28	250		
Chromium	50	3.4	6.5		
Cobalt	25	4.1	3.2		
Copper	50	2.5	6.5		
Iron	350	9.3	60		
Lead	250	21	32		
Lithium	25	10	6.5		
Magnesium	1000	35	130		
Manganese	25	.85	3.2		
Molybdenum	50	13	14		
Nickel	150	5.7	19		
Phosphorus	500	58	80		
Potassium	5000	180	630		
Selenium	250	46	110		
Silicon	1000	210	750		
Silver	150	2.8	19		
Sodium	2000	43	250		
Strontium	25	.5	3.2		
Thallium	50	30	22		
Tin	300	17	260		
Titanium	50	2.2	6.5		
Uranium	250	57	43		
Vanadium	50	5.2	6.5		
Zinc	150	3.4	19		

Associated samples MP47313: DA80980-1B

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47313
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 04/02/26

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47313
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 04/02/26 04/02/26

Metal	DA80981-4B Original	DUP	RPD	QC Limits	DA80981-4B Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	237	241	1.7	0-20	237	9610	10000	93.7	75-125
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Lithium									
Magnesium									
Manganese									
Molybdenum									
Nickel									
Phosphorus									
Potassium									
Selenium									
Silicon									
Silver									
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Uranium									
Vanadium									
Zinc									

Associated samples MP47313: DA80980-1B

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47313
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 04/02/26 04/02/26

Metal	DA80981-4B Original DUP	RPD	QC Limits	DA80981-4B Original MS	Spikelot ICPALL6	% Rec	QC Limits

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47313
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 04/02/26

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	9610	10000	96.1	80-120
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP47313: DA80980-1B

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47313
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 04/02/26

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47313
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 04/02/26

Metal	DA80981-4B Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	47.4	55.7	17.5 (a)	0-10
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP47313: DA80980-1B

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47313 Methods: SW846 6010D
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 04/02/26

	DA80981-4B		QC
Metal	Original SDL 1:5	%DIF	Limits

(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47316
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 04/02/26

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.52	5		
Antimony	0.40	.01	.05		
Arsenic	0.20	.05	.05	0.033	<0.20
Barium	2.0	.096	.24	0.078	<2.0
Beryllium	0.20	.077	.04		
Boron	40	18	10		
Cadmium	0.10	.03	.04	-0.0031	<0.10
Calcium	400	25	30		
Chromium	2.0	.087	.6		
Cobalt	0.20	.04	.025		
Copper	2.0	.05	.25	0.0015	<2.0
Iron	20	1.6	15		
Lead	0.50	.094	.2	0.0093	<0.50
Magnesium	100	10	10		
Manganese	1.0	.079	.2		
Molybdenum	1.0	.037	.27		
Nickel	2.0	.098	.2	-0.031	<2.0
Phosphorus	60	7.6	25		
Potassium	200	2	25		
Selenium	0.20	.05	.05	0.013	<0.20
Silver	0.10	.0081	.03	0.0040	<0.10
Sodium	500	10	30		
Strontium	20	.1	1		
Thallium	0.20	.032	.04		
Tin	10	.22	4		
Titanium	2.0	.05	.3		
Uranium	0.20	.015	.1		
Vanadium	1.0	.14	.2		
Zinc	10	.05	1	0.087	<10

Associated samples MP47316: DA80980-1C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47316
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 04/02/26

Metal	DA80981-4 Original	MS	Spikelot ICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	6.3	102	99.8	95.8	75-125
Barium	104	294	200	95.1	75-125
Beryllium					
Boron					
Cadmium	0.080	50.2	49.9	100.4	75-125
Calcium					
Chromium					
Cobalt					
Copper	7.5	55.3	49.9	95.7	75-125
Iron					
Lead	9.3	109	99.8	99.9	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	8.6	56.2	49.9	95.3	75-125
Phosphorus					
Potassium					
Selenium	0.24	95.2	99.8	95.1	75-125
Silver	0.045	20.0	20	99.9	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	32.5	80.4	49.9	95.9	75-125

Associated samples MP47316: DA80980-1C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47316
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 04/02/26

Metal	DA80981-4 Original	MSD	Spikelot ICPMS6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	6.3	104	104	94.2	1.9	20
Barium	104	299	207	94.0	1.7	20
Beryllium						
Boron						
Cadmium	0.080	52.0	51.9	100.1	3.5	20
Calcium						
Chromium						
Cobalt						
Copper	7.5	56.6	51.9	94.7	2.3	20
Iron						
Lead	9.3	111	104	98.0	1.8	20
Magnesium						
Manganese						
Molybdenum						
Nickel	8.6	57.0	51.9	93.3	1.4	20
Phosphorus						
Potassium						
Selenium	0.24	97.0	104	93.3	1.9	20
Silver	0.045	20.6	20.7	99.1	3.0	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	32.5	82.5	51.9	96.4	2.6	20

Associated samples MP47316: DA80980-1C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47316
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 04/02/26

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	98.4	100	98.4	80-120
Barium	198	200	99.0	80-120
Beryllium				
Boron				
Cadmium	49.1	50	98.2	80-120
Calcium				
Chromium				
Cobalt				
Copper	49.5	50	99.0	80-120
Iron				
Lead	98.5	100	98.5	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	49.0	50	98.0	80-120
Phosphorus				
Potassium				
Selenium	97.6	100	97.6	80-120
Silver	19.4	20	97.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	49.0	50	98.0	80-120

Associated samples MP47316: DA80980-1C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47316
Matrix Type: SOLID

Methods: SW846 6020B
Units: ug/l

Prep Date: 04/02/26

Metal	DA80981-4 Original	SDL 10:50%DIF		QC Limits
Aluminum				
Antimony				
Arsenic	60.6	60.9	0.6	0-20
Barium	998	1000	0.7	0-20
Beryllium				
Boron				
Cadmium	0.763	4.95	547.9(a)	0-20
Calcium				
Chromium				
Cobalt				
Copper	71.4	70.1	1.9	0-20
Iron				
Lead	88.9	85.8	3.5	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	82.5	79.0	4.3	0-20
Phosphorus				
Potassium				
Selenium	2.26	0.00	100.0(a)	0-20
Silver	0.427	0.972	127.7(a)	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	310	305	1.8	0-20

Associated samples MP47316: DA80980-1C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47324
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 04/02/26

Metal	RL	IDL	MDL	MB raw	final
Aluminum	1500	71	230		
Antimony	450	50	100		
Arsenic	380	68	69		
Barium	150	3	20		
Beryllium	150	2.3	20		
Boron	750	160	95		
Cadmium	150	5.3	20		
Calcium	6000	100	750	219	<6000
Chromium	150	9.4	20		
Cobalt	75	11	9.5		
Copper	150	6.9	20		
Iron	1100	41	180		
Lead	750	64	95		
Lithium	75	7.5	20		
Magnesium	3000	330	380	-57	<3000
Manganese	75	7.3	9.5		
Molybdenum	150	29	42		
Nickel	450	23	57		
Phosphorus	1500	1400	240		
Potassium	15000	380	1900		
Selenium	750	200	320		
Silicon	3000	66	2300		
Silver	450	14	57		
Sodium	6000	67	750	7.5	<6000
Strontium	75	2.1	9.5		
Thallium	150	140	65		
Tin	900	44	770		
Titanium	150	7	20		
Uranium	750	95	130		
Vanadium	150	3.9	20		
Zinc	450	12	57		

Associated samples MP47324: DA80980-1A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47324
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 04/02/26

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47324 Methods: SW846 6010D
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 04/02/26

Metal	DA80978-1A Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	57900	451000	375000	104.8	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	14600	403000	375000	103.6	75-125
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	48900	432000	375000	102.2	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP47324: DA80980-1A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47324 Methods: SW846 6010D
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 04/02/26

Metal	DA80978-1A Original MS	Spikelot ICPALL6	% Rec	QC Limits

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47324 Methods: SW846 6010D
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 04/02/26

Metal	DA80978-1A Original	MSD	Spikelot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	57900	450000	375000	104.6	0.2	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	14600	403000	375000	103.6	0.0	20
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	48900	433000	375000	102.4	0.2	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP47324: DA80980-1A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47324 Methods: SW846 6010D
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 04/02/26

Metal	DA80978-1A Original MSD	Spikelot ICPALL6 % Rec	MSD RPD	QC Limit

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47324
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 04/02/26

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	395000	375000	105.3	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	391000	375000	104.3	80-120
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	387000	375000	103.2	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP47324: DA80980-1A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47324
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 04/02/26

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47324
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 04/02/26

Metal	DA80978-1A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	3860	42.7	98.9*(a)	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	972	922	5.1	0-10
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	3260	3150	3.5	0-10
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP47324: DA80980-1A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

QC Batch ID: MP47324 Methods: SW846 6010D
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 04/02/26

	DA80978-1A		QC
Metal	Original SDL 1:5	%DIF	Limits

(anr) Analyte not requested
(a) Serial dilution indicates possible matrix interference.

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GP41234/GN74107			mmhos/cm	1.409	1.4	99.1	90-110%

Associated Samples:
Batch GP41234: DA80980-1C
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA80980
Account: CHEVFREE - Chevron/Fremont
Project: Kortum Separator

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GP41234/GN74107	DA80981-5	mmhos/cm	0.64	0.63	1.9	0-20%
pH	GN74106	DA80978-1C	su	7.99	8.03(a)	0.5(a)	0-5%

Associated Samples:
Batch GN74106: DA80980-1C
Batch GP41234: DA80980-1C
(*) Outside of QC limits
(a) Saturated paste generated on 4/2/2026

Misc. Forms

Custody Documents and Other Forms

(SGS Orlando, FL)

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

FED-EX Tracking # | Bottle Order Control #
SGS Quote # | SGS Job # DA80980

Client / Reporting Information

Company Name: SGS North America Inc.
Street Address: 4036 Youngfield Street
City State Zip: Wheat Ridge, CO 8003:
Project Contact E-mail: Cristina.Niclas@sgs.com
Phone # Fax #: 303-425-6021
Sampler(s) Name(s) Phone: PH

Project Information

Project Name: Kortum Separator
Street
City State
Project #
Client Purchase Order #
Project Manager

Billing Information (if different from Report to)

Company Name
Street Address
City State Zip
Attention:

Requested Analysis (see TEST CODE sheet)

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	MeOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199	LAB USE ONLY
1C	FS-06 (3)		4/1/26	10:00:00 AM	PH	SO										X	

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB-Equipment Blank; RB- Rinse Blank; TB-Trip Blank

Turnaround Time (Business days)

Approved By (SGS PM): / Date:

- [ ] Standard 10 Day (business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [X] other Due 4/6/2026

Emergency & Rush T/A data available via Lablink. Approval needed for RUSH/Emergency TAT

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] REDT1 (Level 3)
- [ ] FULT1 (Level 4)
- [ ] Commercial "C"
- [ ] State Forms
- [ ] EDD Format
- [ ] Other
- [X] CC

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

INITIAL ASSESSMENT
LABEL VERIFICATION

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	4-2-26	1	2		2
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4		4
Relinquished by:	Date Time:	Received By:	Custody Seal #	Preserved where applicable	Cooler Temp
5		5	Intact / Not Intact	Therm ID	1.0 Wet

10.1 10

DA80980: Chain of Custody
Page 1 of 2
SGS Orlando, FL

SGS - Orlando Sample Receipt Summary

Job Number: da80980 **Client:** SGS **Project:** KORTUM SEPERATOR

Date / Time Received: 4/3/2026 8:30:00 AM **Delivery Method:** FEDEX **Airbill #'s:** 490362813810

Cooler Temps (Raw Measured) °C: Cooler 1: (1.0);

Cooler Temps (Corrected) °C: Cooler 1: (0.8);

Cooler Informatio	Y	or	N
1. Custody Seals Present:	☑		☐
2. Custody Seals Intact:	☑		☐
3. Temp criteria achieved:	☑		☐
4. Cooler temp verification:	IR Gun		
5. Cooler media:	Ice (Bag)		

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑

	W	or	S	N/A
3. Type of TB Received	☐		☐	☑

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles:	☑		☐	
2. Samples preserved properly	☑		☐	
3. Sufficient volume/containers recv'd for analysis	☑		☐	
4. Condition of sample:	Intact			
5. Sample recv'd within HT	☑		☐	
6. Dates/Times/IDs on COC match sample label	☑		☐	
7. VOCsheadspace free:	☐		☐	☑
8. Bottles received for unspecified tests	☐		☑	
9. Compositing instructions clear	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☑
11. % Solids Jar Received?	☐		☐	☑
12. Residual Chlorine Present?	☐		☐	☑

Misc Information

Number of Encores: 25 Gram 5 Gram

Test Strip Lot #s: pH 0-3: 216524

Residual Chlorine Test Strip Lot

Number of Lab Filtered Metals

pH 10-12:

Other: (Specify) 0-14 210224

Comments

Sample Receipt Summary 012726 KE Technician: HALEIGHR Date: 4/3/2026 11:02:13 AM Reviewer: Date:

10.1 10

DA80980: Chain of Custody
Page 2 of 2

General Chemistry

QC Data Summaries

(SGS Orlando, FL)

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA80980
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVFREE: Kortum Separator

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP42864/GN3408	0.40	0.0	mg/kg	10.1	10.3	102.0	80-120%
Chromium, Hexavalent	GP42864/GN3408			mg/kg	780	659	84.5	80-120%

Associated Samples:
Batch GP42864: DA80980-1C
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA80980
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVFREE: Kortum Separator

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP42864/GN3408	DA80978-1C	mg/kg	0.0	11.4	11.4	98.8	75-125%
Chromium, Hexavalent	GP42864/GN3408	DA80978-1C	mg/kg	0.0	725	786	108.3	75-125%

Associated Samples:
Batch GP42864: DA80980-1C
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

MATRIX SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA80980
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVFREE: Kortum Separator

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MSD Result	RPD	QC Limit
Chromium, Hexavalent	GP42864/GN3408	DA80978-1C	mg/kg	0.0	11.6	12.3	7.6	20%

Associated Samples:
Batch GP42864: DA80980-1C
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits