



LAB CHRONICLE

OrderID:	Q3123	OrderDate:	9/16/2025 3:31:49 PM
Client:	CDM Smith	Project:	Con Edison FOPL2
Contact:	Marcie Ann Encinas	Location:	J11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3123-01	TP-2	SOIL	Gasoline Range Organics EPH	8015D NJEPH	09/16/25	09/22/25	09/22/25	09/16/25



# SAMPLE DATA

## Report of Analysis

Client:	CDM Smith	Date Collected:	09/16/25
Project:	Con Edison FOPL2	Date Received:	09/16/25
Client Sample ID:	TP-2	SDG No.:	Q3123
Lab Sample ID:	Q3123-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	90.5
Sample Wt/Vol:	4.5	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032224.D	1	09/22/25 15:31	FB092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
GRO	GRO	55.0	U	10.0	55.0	ug/kg
<b>SURROGATES</b>						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	15.3		50 - 150	77%	SPK: 20

### Comments:

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 P = Indicates >25% difference for detected concentrations between the two GC columns  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.  
 () = Laboratory InHouse Limit



# QC SUMMARY

**SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY**

Lab Name: Alliance

Client: CDM Smith

Lab Code: ACE

SDG No.: Q3123

CLIENT ID	S1 AAA-TFT	S2	S3	S4	TOT OUT
VB0922S1	103				0
TP-2	77				0
BS0922S1	102				0
BS0922S2	101				0

**QC LIMITS**

AAA-TFT

For Water : 50-150

For Soil : 50-150

# Column to be used to flag recovery values

\* Values outside of contract required QC limits

D Surrogate Diluted Out



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

SOIL GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATION

Lab Name: Alliance  
Lab Code: ACE  
Client Sample ID : BSF0922S1

Client: CDM Smith  
SDG No: Q3123  
Datafile: FB032226.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
GRO	180	0	185	103	50-150

A  
B  
C  
D  
E  
F

SOIL GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATION

<b>Lab Name:</b>	<u>Alliance</u>	<b>Client:</b>	<u>CDM Smith</u>
<b>Lab Code:</b>	<u>ACE</u>	<b>SDG No:</b>	<u>Q3123</u>
<b>Client Sample ID :</b>	<u>BSF0922S2</u>	<b>Datafile:</b>	<u>FB032227.D</u>

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
GRO	180	0	183	102	50-150

LCS/LCSD % Recovery RPD : 1.1

METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBF0922S1

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3123

Lab File ID: FB032223.D

Lab Sample ID: VBF0922S1

Date Analyzed: 09/22/25

Time Analyzed: 15:03

GC Column: RTX-502.2 ID: 0.53 (mm)

Heated Purge: (Y/N) Y

Instrument ID: FB

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP-2	Q3123-01	FB032224.D	09/22/25
BSF0922S1	BSF0922S1	FB032226.D	09/22/25
BSF0922S2	BSF0922S2	FB032227.D	09/22/25

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_





# QC SAMPLE DATA

## Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Edison FOPL2	Date Received:	
Client Sample ID:	VBF0922S1	SDG No.:	Q3123
Lab Sample ID:	VBF0922S1	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100
Sample Wt/Vol:	5	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Decanted:	
GPC Factor :		Final Vol:	5
Prep Method :		Test:	Gasoline Range Organics
	PH :	Injection Volume :	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032223.D	1	09/22/25 15:03	FB092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
GRO	GRO	45.0	U	8.00	45.0	ug/kg
<b>SURROGATES</b>						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	20.6		50 - 150	103%	SPK: 20

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Edison FOPL2	Date Received:	
Client Sample ID:	BSF0922S1	SDG No.:	Q3123
Lab Sample ID:	BSF0922S1	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100
Sample Wt/Vol:	5	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Decanted:	
GPC Factor :		Final Vol:	5
Prep Method :		Test:	Gasoline Range Organics
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032226.D	1	09/22/25 16:35	FB092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
GRO	GRO	185		8.00	45.0	ug/kg
<b>SURROGATES</b>						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	20.5		50 - 150	102%	SPK: 20

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## Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Edison FOPL2	Date Received:	
Client Sample ID:	BSF0922S2	SDG No.:	Q3123
Lab Sample ID:	BSF0922S2	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100
Sample Wt/Vol:	5	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Decanted:	
GPC Factor :		Final Vol:	5
Prep Method :		Test:	Gasoline Range Organics
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032227.D	1	09/22/25 17:02	FB092225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
GRO	GRO	183		8.00	45.0	ug/kg
<b>SURROGATES</b>						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	20.3		50 - 150	101%	SPK: 20

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# CALIBRATION SUMMARY

### GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
ProjectID:	<u>Con Edison FOPL2</u>		
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3123</u>

Calibration Sequence : FB092225		Test : Gasoline Range Organics	
Concentration (PPB)	Area Count	Reference Factor	File ID
45	1341516	29811	FB032214.D
90	2850195	31669	FB032215.D
180	5675270	31529	FB032216.D
450	14166602	31481	FB032217.D
900	28726009	31918	FB032218.D
AVG RF : 31282		% RSD : 2.683	AVG RT : 8.7958

**GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY**

**20 PPB GRO STD**

Lab Name: Alliane Contract: CAMP02  
ProjectID: Con Edison FOPL2  
Lab Code: ACE SDG No.: Q3123  
DataFile: FB032220.D Analyst Name: YP/AJ Analyst Date: 09-22-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5779958	32111	31282	2.65

**GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY**

**20 PPB GRO STD**

Lab Name: Alliane Contract: CAMP02  
ProjectID: Con Edison FOPL2  
Lab Code: ACE SDG No.: Q3123  
DataFile: FB032228.D Analyst Name: YP/AJ Analyst Date: 09-22-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5839314	32441	31282	3.705



### Analytical Sequence

Client: CDM Smith

SDG No.: Q3123

Project: Con Edison FOPL2

Instrument ID: FID\_B

GC Column: RTX-502.2 ID: 0.53 (mm)

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

MEAN SUROGATE RT FROM INITIAL CALIBRATION <b>8.7958</b>					
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
20 PPB GRO STD	20 PPB GRO STD	22 Sep 2025 13:23	FB032220.D	8.798	
VBF0922S1	VBF0922S1	22 Sep 2025 15:03	FB032223.D	8.799	
TP-2	Q3123-01	22 Sep 2025 15:31	FB032224.D	8.799	
BSF0922S1	BSF0922S1	22 Sep 2025 16:35	FB032226.D	8.799	
BSF0922S2	BSF0922S2	22 Sep 2025 17:02	FB032227.D	8.800	
20 PPB GR0 STD	20 PPB GR0 STD	22 Sep 2025 17:58	FB032228.D	8.799	