

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 09, 2021

Max Knop

K.P. Kauffman

1675 Broadway

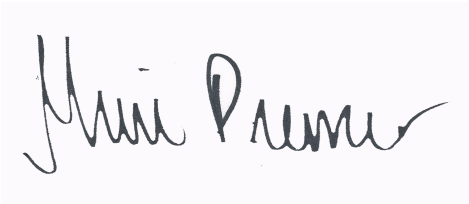
Denver, CO 80202

RE: Stieber

Work Order #2109012

Enclosed are the results of analyses for samples received by Summit Scientific on 09/01/21 13:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, reading "Muri Premer", is displayed on a light purple rectangular background.

Muri Premer For Paul Shrewsbury
President



K.P. Kauffman
1675 Broadway
Denver CO, 80202

Project: Stieber
Project Number: [none]
Project Manager: Max Knop

Reported:
09/09/21 12:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
318858-6W	2109012-01	Water	09/01/21 10:10	09/01/21 13:00

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

303-277-9310 ♦ 303-374-5933 (f)

Project Number:

www.s2scientific.com

Sample Receipt Checklist

S2 Work Order 2109012

Client: KPKAUFFMAN Client Project ID STEIBER

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other _____ Airbill #: _____

Matrix (check all that apply): ☒ Air ☐ Soil/Solid ☒ Water ☐ Other: _____
(Describe)

Temp (°C) 3.4

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ? NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If custody seals are present, are they intact ⁽¹⁾ ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples with holding times due within 48 hours sample due within 48 hours present?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ? Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Additional Comments (if any):

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.

Muri P.
Custodian Printed Name or Initials

[Signature]
Signature of Custodian

9-1-21
Date/Time



K.P. Kauffman
1675 Broadway
Denver CO, 80202

Project: Stieber
Project Number: [none]
Project Manager: Max Knop

Reported:
09/09/21 12:47

318858-6W
2109012-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/01/21 10:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BEI0052	09/02/21	09/05/21	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **09/01/21 10:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		97.1 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		109 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.1 %		21-167		"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



K.P. Kauffman
1675 Broadway
Denver CO, 80202

Project: Stieber
Project Number: [none]
Project Manager: Max Knop

Reported:
09/09/21 12:47

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BEI0052 - EPA 5030 Water MS

Blank (BEI0052-BLK1)

Prepared: 09/02/21 Analyzed: 09/04/21

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	2.0	"							
Naphthalene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	13.0		"	13.3		97.9	23-173			
Surrogate: Toluene-d8	14.0		"	13.3		105	20-170			
Surrogate: 4-Bromofluorobenzene	13.1		"	13.3		98.3	21-167			

LCS (BEI0052-BS1)

Prepared: 09/02/21 Analyzed: 09/04/21

Benzene	41.0	1.0	ug/l	33.3		123	51-132			
Toluene	36.5	1.0	"	33.3		110	51-138			
Ethylbenzene	36.5	1.0	"	33.3		109	58-146			
m,p-Xylene	70.2	2.0	"	66.7		105	57-144			
o-Xylene	34.8	1.0	"	33.3		104	53-146			
Naphthalene	39.4	1.0	"	33.3		118	70-130			
1,2,4-Trimethylbenzene	33.2	1.0	"	33.3		99.6	70-130			
1,3,5-Trimethylbenzene	33.7	1.0	"	33.3		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	14.1		"	13.3		106	23-173			
Surrogate: Toluene-d8	12.5		"	13.3		93.6	20-170			
Surrogate: 4-Bromofluorobenzene	13.4		"	13.3		101	21-167			

Matrix Spike (BEI0052-MS1)

Source: 2108437-03

Prepared: 09/02/21 Analyzed: 09/04/21

Benzene	41.6	1.0	ug/l	33.3	ND	125	34-141			
Toluene	44.4	1.0	"	33.3	ND	133	27-151			
Ethylbenzene	38.1	1.0	"	33.3	ND	114	29-160			
m,p-Xylene	72.9	2.0	"	66.7	ND	109	20-166			
o-Xylene	36.2	1.0	"	33.3	ND	108	33-159			
Naphthalene	38.4	1.0	"	33.3	ND	115	70-130			
1,2,4-Trimethylbenzene	34.1	1.0	"	33.3	ND	102	70-130			
1,3,5-Trimethylbenzene	35.0	1.0	"	33.3	ND	105	70-130			
Surrogate: 1,2-Dichloroethane-d4	13.8		"	13.3		104	23-173			
Surrogate: Toluene-d8	14.8		"	13.3		111	20-170			
Surrogate: 4-Bromofluorobenzene	13.1		"	13.3		98.2	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



K.P. Kauffman
1675 Broadway
Denver CO, 80202

Project: Stieber
Project Number: [none]
Project Manager: Max Knop

Reported:
09/09/21 12:47

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BEI0052 - EPA 5030 Water MS

Matrix Spike Dup (BEI0052-MSD1)	Source: 2108437-03			Prepared: 09/02/21 Analyzed: 09/04/21						
Benzene	37.4	1.0	ug/l	33.3	ND	112	34-141	10.7	30	
Toluene	35.7	1.0	"	33.3	ND	107	27-151	21.8	30	
Ethylbenzene	31.7	1.0	"	33.3	ND	95.2	29-160	18.4	30	
m,p-Xylene	60.1	2.0	"	66.7	ND	90.2	20-166	19.2	30	
o-Xylene	30.7	1.0	"	33.3	ND	92.2	33-159	16.2	30	
Naphthalene	38.8	1.0	"	33.3	ND	116	70-130	0.907	30	
1,2,4-Trimethylbenzene	27.2	1.0	"	33.3	ND	81.5	70-130	22.6	30	
1,3,5-Trimethylbenzene	27.5	1.0	"	33.3	ND	82.4	70-130	24.1	30	
Surrogate: 1,2-Dichloroethane-d4	15.5		"	13.3		116	23-173			
Surrogate: Toluene-d8	14.4		"	13.3		108	20-170			
Surrogate: 4-Bromofluorobenzene	12.2		"	13.3		91.7	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



K.P. Kauffman
1675 Broadway
Denver CO, 80202

Project: Stieber
Project Number: [none]
Project Manager: Max Knop

Reported:
09/09/21 12:47

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference