

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

October 22, 2021

Jeff Rickard

K.P. Kauffman

1675 Broadway

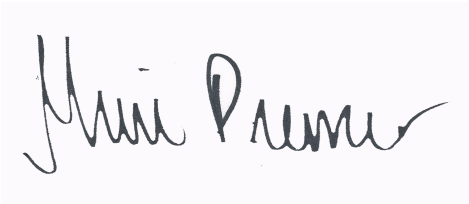
Denver, CO 80202

RE: Stieber

Work Order #2110218

Enclosed are the results of analyses for samples received by Summit Scientific on 10/13/21 16:18. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Muri Premier For Paul Shrewsbury
President



K.P. Kauffman
1675 Broadway
Denver CO, 80202

Project: Stieber
Project Number: [none]
Project Manager: Jeff Rickard

Reported:
10/22/21 11:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
318858-GW	2110218-01	Water	10/13/21 11:10	10/13/21 16:18

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

2110218

4653 Table Mountain Drive ♦ Golden, Colorado 80403
303-277-9310 ♦ 303-374-5933 (f)

Page 1 of 1

Client: K.P. Kauffman Company, Inc.

Project Manager: Jeff Rickard

Address: 1675 Broadway, Suite 2800

E-Mail: jrickard@kpk.com

City/State/Zip: Denver, CO 80202-4628


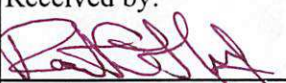
Phone: 303-825-4822

Project Name: Streber

Sampler Name: Mike Hattel (303-517-6551)

Project Number:

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested								Special Instructions				
					HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other													
1	318858-GW	10/13/21	1110	3			X	✓	✓					X											
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									

Relinquished by: 	Date/Time: 10/13/21	Received by: 	Date/Time: 10.13.21 16:18	Turn Around Time (Check)	Notes: PDF COPY TO MIKE HATTEL AT mhattel@msn.com
Relinquished by:	Date/Time:	Received by:	Date/Time:	Same Day _____ 72 hours _____ 24 hours _____ Standard X 48 hours _____	
Relinquished by:	Date/Time:	Received by:	Date/Time:	Sample Integrity: Temperature Upon Receipt: 8.2 Samples Intact: Yes No	
Relinquished by:	Date/Time:	Received by:	Date/Time:		



2110218

Sample Receipt Checklist

S2 Work Order# _____

Client: Kp Kauffman Client Project ID: StreberShipped Via: ☐ H.D./P.U./FedEx/UPS/USPS/Other _____ Airbill #: _____Matrix (check all that apply): ☐ Air ☐ Soil/Solid ☒ Water ☐ Other: _____
(Describe)

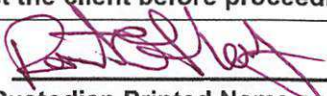
Temp (°C)

8.2

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 if there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>on ICE</u>
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are samples with holding times due within 48 hours sample due within 48 hours present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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, H ₂ SO ₄ , NaOH, HNO ₃ , etc.	<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.

 Custodian Printed Name or Initials

10.13.21
 Date/Time



K.P. Kauffman
1675 Broadway
Denver CO, 80202

Project: Stieber
Project Number: [none]
Project Manager: Jeff Rickard

Reported:
10/22/21 11:29

318858-GW
2110218-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/13/21 11:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BEJ0295	10/15/21	10/18/21	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	

Date Sampled: **10/13/21 11:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		117 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %		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: Jeff Rickard

Reported:
10/22/21 11:29

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 BEJ0295 - EPA 5030 Water MS

Blank (BEJ0295-BLK1)

Prepared: 10/15/21 Analyzed: 10/17/21

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	2.0	"							
Surrogate: 1,2-Dichloroethane-d4	15.2		"	13.3	114		23-173			
Surrogate: Toluene-d8	13.4		"	13.3	100		20-170			
Surrogate: 4-Bromofluorobenzene	12.7		"	13.3	95.0		21-167			

LCS (BEJ0295-BS1)

Prepared: 10/15/21 Analyzed: 10/17/21

Benzene	35.7	1.0	ug/l	33.3	107		51-132			
Toluene	41.1	1.0	"	33.3	123		51-138			
Ethylbenzene	44.2	1.0	"	33.3	133		58-146			
m,p-Xylene	83.4	2.0	"	66.7	125		57-144			
o-Xylene	42.4	1.0	"	33.3	127		53-146			
Surrogate: 1,2-Dichloroethane-d4	16.4		"	13.3	123		23-173			
Surrogate: Toluene-d8	13.4		"	13.3	101		20-170			
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3	97.4		21-167			

Matrix Spike (BEJ0295-MS1)

Source: 2110201-01

Prepared: 10/15/21 Analyzed: 10/17/21

Benzene	35.6	1.0	ug/l	33.3	ND	107	34-141			
Toluene	40.0	1.0	"	33.3	ND	120	27-151			
Ethylbenzene	42.8	1.0	"	33.3	ND	129	29-160			
m,p-Xylene	82.7	2.0	"	66.7	ND	124	20-166			
o-Xylene	42.1	1.0	"	33.3	ND	126	33-159			
Surrogate: 1,2-Dichloroethane-d4	16.5		"	13.3		124	23-173			
Surrogate: Toluene-d8	13.3		"	13.3		99.9	20-170			
Surrogate: 4-Bromofluorobenzene	12.8		"	13.3		95.6	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: Jeff Rickard

Reported:
10/22/21 11:29

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 BEJ0295 - EPA 5030 Water MS

Matrix Spike Dup (BEJ0295-MSD1)		Source: 2110201-01			Prepared: 10/15/21 Analyzed: 10/17/21					
Benzene	35.5	1.0	ug/l	33.3	ND	106	34-141	0.478	30	
Toluene	39.4	1.0	"	33.3	ND	118	27-151	1.49	30	
Ethylbenzene	43.6	1.0	"	33.3	ND	131	29-160	1.78	30	
m,p-Xylene	83.0	2.0	"	66.7	ND	124	20-166	0.362	30	
o-Xylene	42.2	1.0	"	33.3	ND	127	33-159	0.332	30	
Surrogate: 1,2-Dichloroethane-d4	17.2		"	13.3		129	23-173			
Surrogate: Toluene-d8	13.4		"	13.3		100	20-170			
Surrogate: 4-Bromofluorobenzene	13.1		"	13.3		98.4	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: Jeff Rickard

Reported:
10/22/21 11:29

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