

# Summit Scientific

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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 that reads "Muri Premer". The signature is written in a cursive style with a large initial "M" and a long, sweeping underline.

Muri Premer 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	X												
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					

Relinquished by: Mike Hattel Date/Time: 10/13/21

Received by: [Signature] Date/Time: 10.13.21 16:18

Turn Around Time (Check)  
 Same Day  72 hours   
 24 hours  Standard   
 48 hours

Notes: PDF COPY TO  
**MIKE HATTEL AT**  
mhattel@msn.com

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Sample Integrity:  
 Temperature Upon Receipt: 8.2  
 Samples Intact:  Yes  No



2110218

Sample Receipt Checklist

S2 Work Order# \_\_\_\_\_

Client: Kp Kauffman Client Project ID: Streber

Shipped 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 <sup>(1)</sup> ? 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 <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If custody seals are present, are they intact <sup>(1)</sup> ?	<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 <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client w/ date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace present? <b>If yes, contact client and note in narrative.</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) <sup>(1)</sup> ? Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2 <sup>(1)</sup> ? 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):

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

[Signature]  
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		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
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		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		117 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	21-167		"	"	"	"	

Summit Scientific

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Denver CO, 80202

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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		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

**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			

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Project Manager: Jeff Rickard

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

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

**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			

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### 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