

Homogeneity and Stability

Sample ID OL21NOV-1
Samples shipped 8-Nov-21
Results due date 15-Dec-21

Homogeneity

10 sample packets randomly chosen for analysis.

Duplicate test portions analyzed for analyte and method shown in table caption.

Total delta-9 THC (%AR) via GC-FID (method 006.40)

Analysis Date: 12/6/21

Sample #	Replicate 1	Replicate 2
1	0.0775	0.0787
2	0.0737	0.0754
3	0.0803	0.0769
4	0.0723	0.0744
5	0.0746	0.0757
6	0.0800	0.0785
7	0.0779	0.0786
8	0.0798	0.0822
9	0.0790	0.0776
10	0.0812	0.0805

		%RSD	HorRat-r
Overall average:	0.0778		
SD of sample avgs:	0.002575	3.31	
repeatability SD:	0.001278	1.64	0.3
between-sample SD:	0.00241	3.10	
reproducibility SD:	0.002729	3.51	
SD used for Analyte z scores:	0.0084		
Check value:	0.00252		

Total delta-9 THC (%AR) via GC-FID (method 006.40)

Is between-sample SD less than check value? YES

Homogeneity test passed

delta-8 THC (%AR) via GC-FID (method 0013.99)

Analysis Date: 12/6/21

Sample #	Replicate 1	Replicate 2
1	0.2764	0.2818
2	0.2547	0.2606
3	0.2722	0.2714
4	0.2555	0.2643
5	0.2639	0.2635
6	0.2725	0.2666
7	0.2681	0.2676
8	0.2752	0.2815
9	0.2719	0.2687
10	0.2766	0.2728

		%RSD	
Overall average:	0.2693		
SD of sample avgs:	0.007249	2.69	
repeatability SD:	0.003469	1.29	0.3
between-sample SD:	0.00682	2.53	
reproducibility SD:	0.007653	2.84	
SD used for Analyte z scores:	0.0177		
Check value:	0.00531		

delta-8 THC (%AR) via GC-FID (method 0013.99)

Is between-sample SD less than check value? NO

Homogeneity test did not pass

Total CBD (%AR) via GC-FID (method 007.40)

Analysis Date: 12/6/21

Sample #	Replicate 1	Replicate 2
1	1.8536	1.8737
2	1.7189	1.7590
3	1.8496	1.8172
4	1.6875	1.7733
5	1.7800	1.7748
6	1.8734	1.8202
7	1.8420	1.8233
8	1.8843	1.9380
9	1.8698	1.8664
10	1.9050	1.8827

		%RSD	
Overall average:	1.8296		
SD of sample avgs:	0.06194	3.39	
repeatability SD:	0.02917	1.59	0.4
between-sample SD:	0.0584	3.19	
reproducibility SD:	0.06528	3.57	
SD used for Analyte z scores:	0.1042		
Check value:	0.03126		

Total CBD (%AR) via GC-FID (method 007.40)

Is between-sample SD less than check value? NO

Homogeneity test did not pass

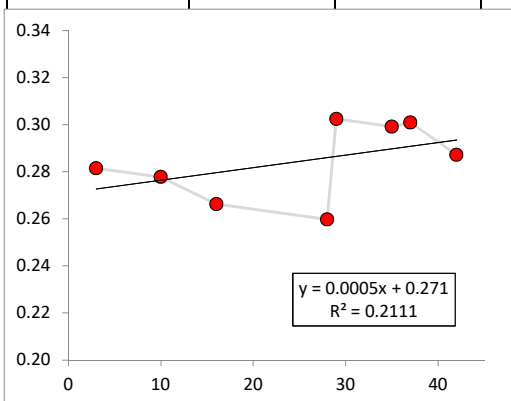
Stability

Sample tested on different days from date sample shipped to results due date.

Sample stored at room temperature during period of testing.

delta-8 THC (%AR) via GC-FID (method 006.40)

Date of Analysis	Days	Conc.
11/10/21	3	0.2815
11/17/21	10	0.2777
11/23/21	16	0.2662
12/5/21	28	0.2597
12/6/21	29	0.3024
12/12/21	35	0.2991
12/14/21	37	0.3009
12/19/21	42	0.2872



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.4594417
R Square	0.2110867
Adjusted R Squ	0.0796011
Standard Error	0.0154472
Observations	8

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.00038308	0.000383076	1.605398	0.252097467
Residual	6	0.0014317	0.000238617		
Total	7	0.00181478			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.2710103	0.01185167	22.86685807	4.58E-07	0.242010368	0.300010329
X Variable 1	0.0005331	0.00042073	1.267043156	0.252097	-0.000496409	0.001562581

Coefficient for x variable is not statistically significantly different from 0.

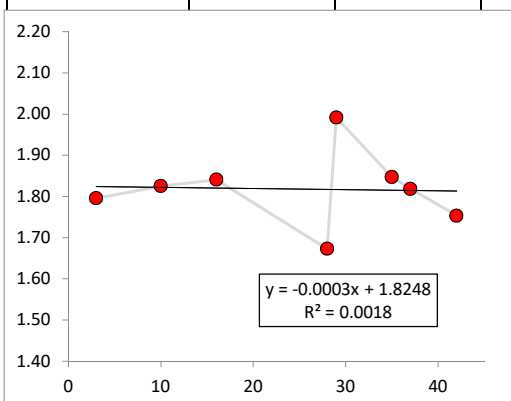
No significant change in result during testing period.

Stability test passed.

%RSD = 5.7

Total CBD (%AR) via GC-FID (method 006.40)

Date of Analysis	Days	Conc.
11/10/21	3	1.7956
11/17/21	10	1.8251
11/23/21	16	1.8406
12/5/21	28	1.6726
12/6/21	29	1.9914
12/12/21	35	1.8468
12/14/21	37	1.8183
12/19/21	42	1.7530



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.0424428
R Square	0.0018014
Adjusted R Squ	-0.164565
Standard Error	0.0976583
Observations	8

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.00010327	0.000103267	0.010828	0.920515279
Residual	6	0.05722287	0.009537145		
Total	7	0.05732614			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	1.8248445	0.07492689	24.35500146	3.15E-07	1.641505016	2.008184005
X Variable 1	-0.0002768	0.00265989	-0.10405696	0.920515	-0.006785305	0.006231744

Coefficient for x variable is not statistically significantly different from 0.

No significant change in result during testing period.

Stability test passed.

%RSD = 5