

Homogeneity and Stability

Sample ID OL22NOV-1
 Samples shipped 8-Nov-22
 Results due date 20-Dec-22

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: 11/16/22

Sample #	Replicate 1	Replicate 2
1	0.0990	0.1012
2	0.1002	0.1009
3	0.1024	0.1079
4	0.1015	0.1025
5	0.1031	0.1061
6	0.1010	0.1027
7	0.1000	0.1015
8	0.1076	0.1011
9	0.1014	0.1018
10	0.1008	0.1024

		%RSD	HorRat-r
Overall average:	0.1023		
SD of sample avgs:	0.0018	1.76	
repeatability SD:	0.002187	2.14	0.4
between-sample SD:	0.00092	0.90	
reproducibility SD:	0.002374	2.32	
SD used for Analyte z scores:	0.0157		
Check value:	0.00471		

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: 11/16/22

Sample #	Replicate 1	Replicate 2
1	0.2733	0.2781
2	0.2725	0.2752
3	0.2782	0.2900
4	0.2760	0.2742
5	0.2772	0.2909
6	0.2722	0.2776
7	0.2742	0.2770
8	0.2895	0.2753
9	0.2772	0.2768
10	0.2786	0.2772

		%RSD	HorRat-r
Overall average:	0.2781		
SD of sample avgs:	0.00395	1.42	
repeatability SD:	0.005483	1.97	0.4
between-sample SD:	0.00076	0.27	
reproducibility SD:	0.005535	1.99	
SD used for Analyte z scores:	0.0132		
Check value:	0.00396		

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

Is between-sample SD less than check value? YES

Homogeneity test passed

Stability

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

Sample stored at room temperature during period of testing.

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

Date of Analysis	Days	Conc.
11/7/22	0	0.0818
11/16/22	9	0.0927
11/17/22	10	0.0901
12/2/22	25	0.1125
12/12/22	35	0.1012
12/16/22	39	0.0622
1/12/23	66	0.0723

Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.3538912
R Square	0.125239
Adjusted R Squ	-0.0497132
Standard Error	0.0174981
Observations	7

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.00021918	0.00021918	0.715847	0.436118799
Residual	5	0.00153092	0.000306183		
Total	6	0.0017501			

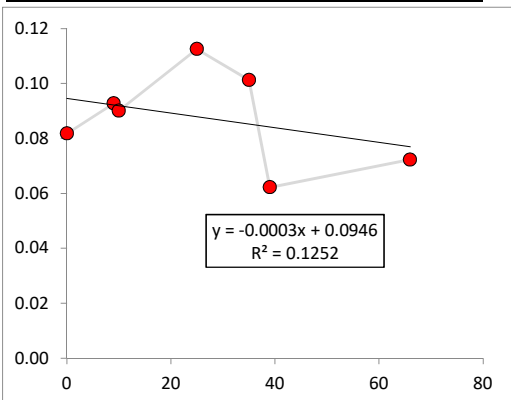
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.0945647	0.01061219	8.910952013	0.000296	0.067285193	0.121844183
X Variable 1	-0.0002671	0.00031573	-0.84607726	0.436119	-0.001078754	0.000544484

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

No significant change in result during testing period.

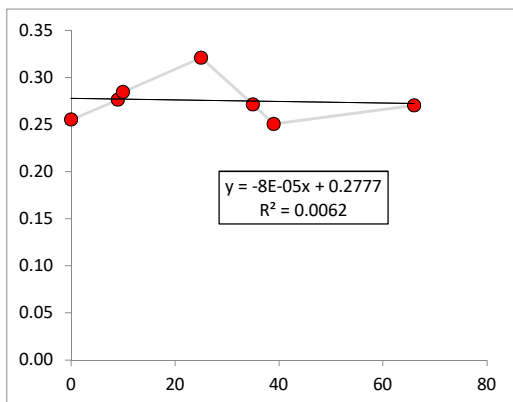
Stability test passed.

%RSD = 19.5 HorRat-R = 3.4



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

Date of Analysis	Days	Conc.
11/7/22	0	0.2551
11/16/22	9	0.2763
11/17/22	10	0.2845
12/2/22	25	0.3209
12/12/22	35	0.2713
12/16/22	39	0.2505
1/12/23	66	0.2702



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.0785779
R Square	0.0061745
Adjusted R Squ	-0.1925906
Standard Error	0.0253367
Observations	7

ANOVA

	df	SS	MS	F	Significance F
Regression	1	1.9942E-05	1.99416E-05	0.031064	0.867013479
Residual	5	0.00320974	0.000641947		
Total	6	0.00322968			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.2776609	0.0153661	18.06970085	9.54E-06	0.238161051	0.317160698
X Variable 1	-8.058E-05	0.00045717	-0.17625048	0.867013	-0.001255774	0.001094621

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

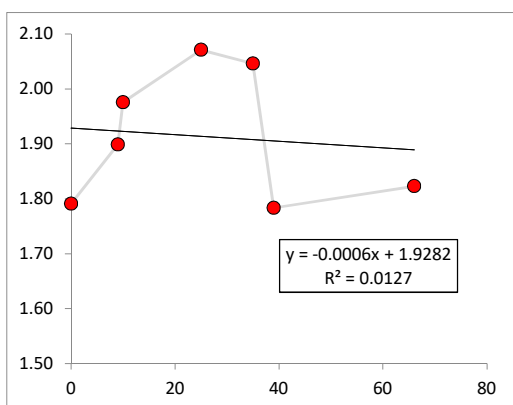
No significant change in result during testing period.

Stability test passed.

%RSD = 8.4 HorRat-R = 1.7

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

Date of Analysis	Days	Conc.
11/7/22	0	1.7909
11/16/22	9	1.8986
11/17/22	10	1.9756
12/2/22	25	2.0707
12/12/22	35	2.0459
12/16/22	39	1.7832
1/12/23	66	1.8229



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.1125152
R Square	0.0126597
Adjusted R Squ	-0.1848084
Standard Error	0.1307175
Observations	7

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.00109545	0.001095452	0.06411	0.810194962
Residual	5	0.08543536	0.017087073		
Total	6	0.08653082			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	1.9282409	0.07927713	24.32278833	2.19E-06	1.724452572	2.132029289
X Variable 1	-0.0005972	0.00235865	-0.25319955	0.810195	-0.006660314	0.005465895

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

No significant change in result during testing period.

Stability test passed.

%RSD = 6.3 HorRat-R = 1.7