

Homogeneity and Stability

Sample ID	OL22SEP-1
Samples shipped	20-Sep-22
Results due date	1-Nov-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: 9/22/22

Sample #	Replicate 1	Replicate 2
1	0.0846	0.0951
2	0.0949	0.0953
3	0.0949	0.0943
4	0.0946	0.0938
5	0.0935	0.0958
6	0.0969	0.0965
7	0.0951	0.0964
8	0.0955	0.0966
9	0.0976	0.0964
10	0.0963	0.0967

		%RSD	HorRat-r
Overall average:	0.0950		
SD of sample avgs:	0.002056	2.16	
repeatability SD:	0.002472	2.60	0.5
between-sample SD:	0.00108	1.14	
reproducibility SD:	0.002699	2.84	
SD used for Analyte z scores:	0.0262		
Check value:	0.00786		

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: 9/22/22

Sample #	Replicate 1	Replicate 2
1	0.0552	0.0558
2	0.0537	0.0533
3	0.0553	0.0553
4	0.0541	0.0547
5	0.0535	0.0562
6	0.0729	0.0723
7	0.0692	0.0716
8	0.0718	0.0697
9	0.0734	0.0702
10	0.0701	0.0688

		%RSD	HorRat-r
Overall average:	0.0629		
SD of sample avgs:	0.008646	13.75	
repeatability SD:	0.001234	1.96	0.3
between-sample SD:	0.0086	13.68	
reproducibility SD:	0.00869	13.82	
SD used for Analyte z scores:	0.0197		
Check value:	0.00591		

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: 9/22/22

Sample #	Replicate 1	Replicate 2
1	7.1385	7.1180
2	7.1068	7.1332
3	7.1549	7.1530
4	7.1842	7.1490
5	7.1217	7.1391
6	7.3166	7.3528
7	7.3656	7.2878
8	7.3873	7.3515
9	7.3941	7.3542
10	7.3888	7.4133

		%RSD	HorRat-r
Overall average:	7.2505		
SD of sample avgs:	0.1191	1.64	
repeatability SD:	0.02598	0.36	0.1
between-sample SD:	0.1177	1.62	
reproducibility SD:	0.1205	1.66	
SD used for Analyte z scores:	0.8339		
Check value:	0.25017		

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

Is between-sample SD less than check value? YES

Homogeneity test passed

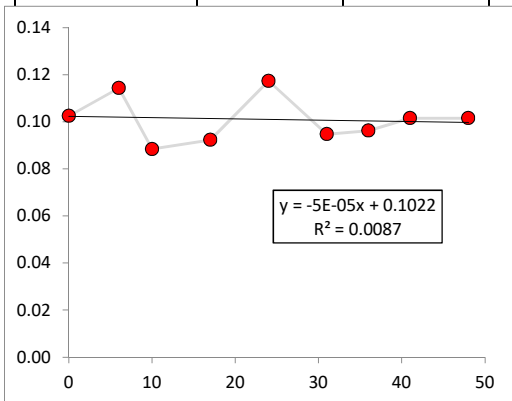
Stability

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.
9/13/22	0	0.1025
9/19/22	6	0.1143
9/23/22	10	0.0884
9/30/22	17	0.0923
10/7/22	24	0.1173
10/14/22	31	0.0947
10/19/22	36	0.0962
10/24/22	41	0.1015
10/31/22	48	0.1015



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.0933786
R Square	0.0087196
Adjusted R Squ	-0.1328919
Standard Error	0.0102541
Observations	9

ANOVA

	df	SS	MS	F	Significance F
Regression	1	6.4743E-06	6.47428E-06	0.061574	0.811147489
Residual	7	0.00073603	0.000105147		
Total	8	0.0007425			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.10225	0.00619907	16.49439221	7.35E-07	0.087591474	0.116908435
X Variable 1	-5.422E-05	0.00021852	-0.24814081	0.811147	-0.000570938	0.000462491

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

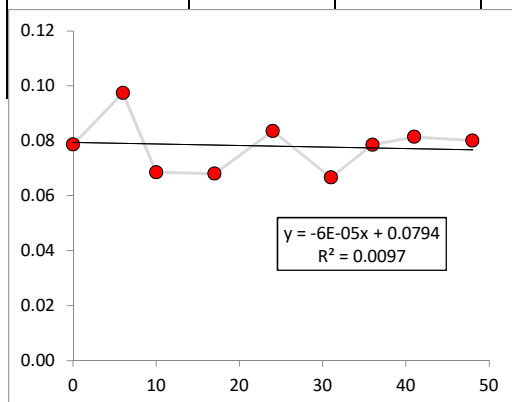
No significant change in result during testing period.

Stability test passed.

%RSD = 9.5 HorRat-R = 1.7

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

Date of Analysis	Days	Conc.
9/13/22	0	0.0786
9/19/22	6	0.0974
9/23/22	10	0.0685
9/30/22	17	0.0680
10/7/22	24	0.0836
10/14/22	31	0.0666
10/19/22	36	0.0785
10/24/22	41	0.0814
10/31/22	48	0.0801



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.0983847
R Square	0.0096796
Adjusted R Squ	-0.1317948
Standard Error	0.0102626
Observations	9

ANOVA

	df	SS	MS	F	Significance F
Regression	1	7.206E-06	7.206E-06	0.068419	0.801181997
Residual	7	0.00073725	0.000105321		
Total	8	0.00074446			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.0794316	0.00620423	12.80282985	4.11E-06	0.064760981	0.094102305
X Variable 1	-5.721E-05	0.0002187	-0.26157049	0.801182	-0.00057435	0.000459939

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

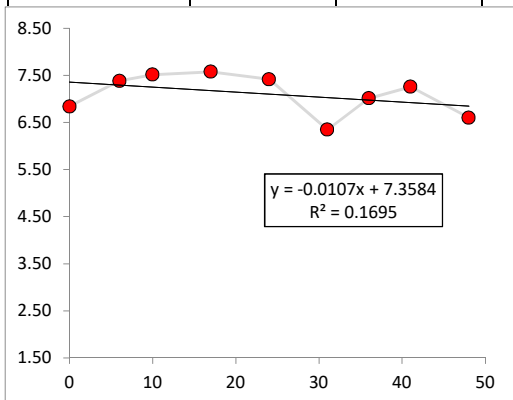
No significant change in result during testing period.

Stability test passed.

%RSD = 12.4 HorRat-R = 2.1

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

Date of Analysis	Days	Conc.
9/13/22	0	6.8387
9/19/22	6	7.3820
9/23/22	10	7.5153
9/30/22	17	7.5745
10/7/22	24	7.4163
10/14/22	31	6.3443
10/19/22	36	7.0135
10/24/22	41	7.2540
10/31/22	48	6.5998



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.411678
R Square	0.1694788
Adjusted R Squ	0.0508329
Standard Error	0.4215525
Observations	9

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.25384336	0.25384336	1.428442	0.270934912
Residual	7	1.2439453	0.177706471		
Total	8	1.49778866			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	7.3583706	0.25484784	28.87358453	1.54E-08	6.755751196	7.960989949
X Variable 1	-0.0107368	0.00898345	-1.1951744	0.270935	-0.031979259	0.01050569

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

No significant change in result during testing period.

Stability test passed.

%RSD = 6.1 HorRat-R = 2