

Homogeneity and Stability

Sample ID HM22NOV-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 THC (%AR) via GC-FID (method 006.40)

Analysis Date: 11/16/22

Sample #	Replicate 1	Replicate 2
1	0.2292	0.2227
2	0.2355	0.2395
3	0.2482	0.2615
4	0.2527	0.2570
5	0.2442	0.2386
6	0.2470	0.2520
7	0.2427	0.2498
8	0.2579	0.2360
9	0.2477	0.2587
10	0.2584	0.2442

		%RSD	HorRat-r
Overall average:	0.2462		
SD of sample avgs:	0.009098	3.70	
repeatability SD:	0.007624	3.10	0.6
between-sample SD:	0.00733	2.98	
reproducibility SD:	0.01058	4.30	
SD used for Analyte z scores:	0.0388		
Check value:	0.01164		

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

Is between-sample SD less than check value? YES

Homogeneity test passed

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

Analysis Date: 11/16/22

Sample #	Replicate 1	Replicate 2
1	2.7657	2.8584
2	3.1194	3.1344
3	3.0250	2.9753
4	3.1731	3.0205
5	3.0595	3.0385
6	3.2339	3.2032
7	3.1295	3.0555
8	3.1935	3.3643
9	3.1525	3.0930
10	3.2421	3.2607

		%RSD	HorRat-r
Overall average:	3.1049		
SD of sample avgs:	0.1356	4.37	
repeatability SD:	0.06103	1.97	0.6
between-sample SD:	0.1286	4.14	
reproducibility SD:	0.1423	4.58	
SD used for Analyte z scores:	0.2332		
Check value:	0.06996		

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.

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

Date of Analysis	Days	Conc.
11/7/22	0	0.2264
11/16/22	9	0.2381
11/17/22	10	0.2488
12/2/22	25	0.2635
12/12/22	35	0.2661
12/16/22	39	0.2133
1/12/23	66	0.2147

Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.3046953
R Square	0.0928392
Adjusted R Squ	-0.0885929
Standard Error	0.022702
Observations	7

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.00026372	0.0002637	0.5117	0.506406366
Residual	5	0.0025769	0.0005154		
Total	6	0.00284062			

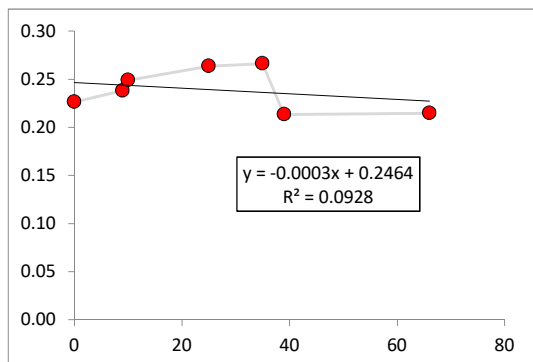
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.2464023	0.01376822	17.896454	1E-05	0.211009989	0.281794662
X Variable 1	-0.000293	0.00040963	-0.7153336	0.5064	-0.001346015	0.000759968

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

No significant change in result during testing period.

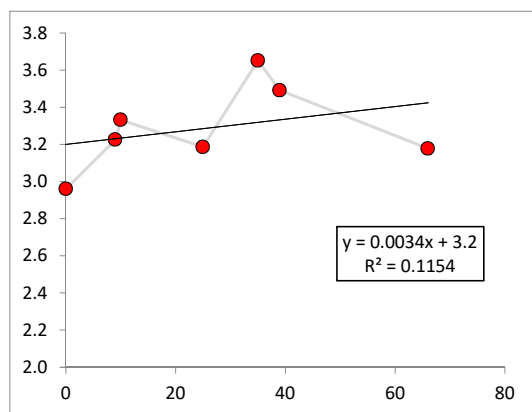
Stability test passed.

%RSD = 9.1 HorRat-R = 1.8



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

Date of Analysis	Days	Conc.
11/7/22	0	2.9610
11/16/22	9	3.2262
11/17/22	10	3.3319
12/2/22	25	3.1862
12/12/22	35	3.6524
12/16/22	39	3.4914
1/12/23	66	3.1779



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.3396481
R Square	0.1153608
Adjusted R Squ	-0.061567
Standard Error	0.233932
Observations	7

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.03568137	0.0356814	0.652	0.456070592
Residual	5	0.27362096	0.0547242		
Total	6	0.30930233			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	3.1999792	0.14187432	22.555028	3E-06	2.835279659	3.564678741
X Variable 1	0.0034084	0.00422104	0.8074787	0.4561	-0.007442129	0.014258929

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

No significant change in result during testing period.

Stability test passed.

%RSD = 6.9 HorRat-R = 2.1