

Homogeneity and Stability

Sample ID HM22NOV-2
 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	0.2183	0.2138
2	0.2126	0.2166
3	0.2126	0.2185
4	0.2231	0.2284
5	0.2294	0.2307
6	0.2303	0.2282
7	0.2261	0.2269
8	0.2335	0.2259
9	0.2253	0.2306
10	0.2270	0.2301

		%RSD	HorRat-r
Overall average:	0.2244		
SD of sample avgs:	0.006357	2.83	
repeatability SD:	0.003173	1.41	0.3
between-sample SD:	0.00595	2.65	
reproducibility SD:	0.006741	3.00	
SD used for Analyte z scores:	0.0321		
Check value:	0.00963		

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	8.5541	8.4556
2	8.5606	8.5264
3	8.3743	8.4414
4	8.5948	8.7102
5	8.8309	8.8556
6	8.6931	8.7407
7	8.7043	8.7425
8	8.8537	8.6790
9	8.5138	8.7365
10	8.6867	8.8089

		%RSD	HorRat-r
Overall average:	8.6532		
SD of sample avgs:	0.1341	1.55	
repeatability SD:	0.08002	0.92	0.3
between-sample SD:	0.1216	1.41	
reproducibility SD:	0.1456	1.68	
SD used for Analyte z scores:	0.6847		
Check value:	0.20541		

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.
11/7/22	0	0.1927
11/16/22	9	0.2238
11/17/22	10	0.2127
12/2/22	25	0.2320
12/12/22	35	0.2270
12/16/22	39	0.2034
1/12/23	66	0.1743

Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.4292353
R Square	0.1842429
Adjusted R Squ	0.0210915
Standard Error	0.0205391
Observations	7

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.00047639	0.000476391	1.129275604	0.336537542
Residual	5	0.00210928	0.000421855		
Total	6	0.00258567			

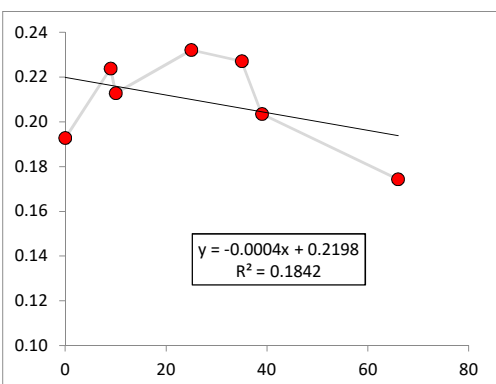
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.2197665	0.0124565	17.6427163	1.07311E-05	0.187746009	0.251786903
X Variable 1	-0.0003938	0.00037061	-1.0626738	0.336537542	-0.001346504	0.000558839

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

No significant change in result during testing period.

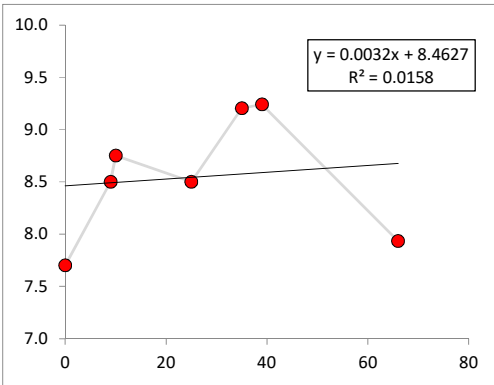
Stability test passed.

%RSD = 9.9 HorRat-R = 2



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

Date of Analysis	Days	Conc.
11/7/22	0	7.7020
11/16/22	9	8.5002
11/17/22	10	8.7512
12/2/22	25	8.5024
12/12/22	35	9.2052
12/16/22	39	9.2416
1/12/23	66	7.9341



Days = x variable, Conc = y variable
SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.1257138
R Square	0.015804
Adjusted R Squ	-0.1810353
Standard Error	0.6354241
Observations	7

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.03241764	0.03241764	0.080288635	0.7882641
Residual	5	2.01881874	0.403763748		
Total	6	2.05123638			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	8.4627035	0.38536987	21.95995072	3.63535E-06	7.47207866	9.453328261
X Variable 1	0.0032488	0.01146551	0.283352493	0.7882641	-0.026224255	0.032721818

Coefficient for x variable is not statistically significantly different from 0.
No significant change in result during testing period.
Stability test passed.

%RSD = 6.8 HorRat-R = 2.4