

Homogeneity and Stability

Sample ID HM21SEP-1
 Samples shipped 7-Sep-21
 Results due date 15-Oct-21

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: 10/4/21

Sample #	Replicate 1	Replicate 2
1	0.2967	0.2945
2	0.2839	0.2949
3	0.2870	0.2917
4	0.2899	0.2973
5	0.2961	0.2989
6	0.3047	0.2983
7	0.2999	0.2988
8	0.2969	0.3125
9	0.2960	0.3027
10	0.2825	0.2984

		%RSD	HorRat-r
Overall average:	0.2961		
SD of sample avgs:	0.005325	1.80	
repeatability SD:	0.006296	2.13	0.4
between-sample SD:	0.00292	0.99	
reproducibility SD:	0.006941	2.34	
SD used for Analyte z scores:	0.0333		
Check value:	0.00999		

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: 10/4/21

Sample #	Replicate 1	Replicate 2
1	8.8963	9.2920
2	9.1838	9.3511
3	9.5476	9.2876
4	9.2994	9.4025
5	9.3744	9.3107
6	9.7065	9.1820
7	9.6077	9.6766
8	9.8101	9.8628
9	9.4934	9.5866
10	9.5245	9.6000

		%RSD	
Overall average:	9.4498		
SD of sample avgs:	0.208	2.20	
repeatability SD:	0.1679	1.78	0.6
between-sample SD:	0.1708	1.81	
reproducibility SD:	0.2395	2.53	
SD used for Analyte z scores:	0.7346		
Check value:	0.22038		

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.
9/13/21	0	0.3243
9/15/21	2	0.2703
9/18/21	5	0.3311
9/22/21	9	0.2901
9/26/21	13	0.2817
9/26/21	13	0.3246
9/29/21	16	0.3299
10/2/21	19	0.2952
10/5/21	22	0.3347
10/9/21	26	0.3017
10/13/21	30	0.2970

Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.0266738
R Square	0.0007115
Adjusted R Squ	-0.1103206
Standard Error	0.0236096
Observations	11

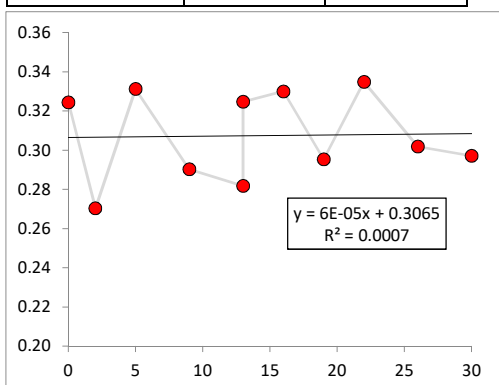
ANOVA

	df	SS	MS	F	Significance F
Regression	1	3.5719E-06	3.5719E-06	0.006407986	0.937949315
Residual	9	0.00501673	0.000557414		
Total	10	0.0050203			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.3064591	0.01297311	23.62264672	2.08202E-09	0.277111879	0.335806285
X Variable 1	6.161E-05	0.00076969	0.0800499	0.937949315	-0.001679544	0.001802771

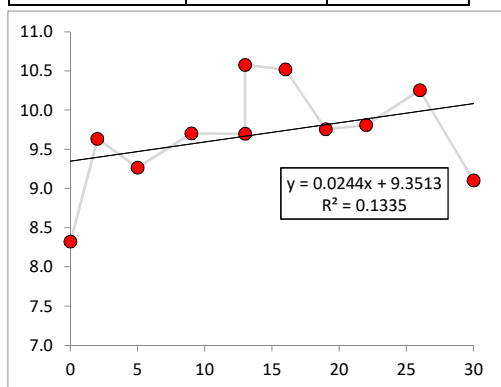
Coefficient for x variable is not statistically significantly different from 0.
 No significant change in result during testing period.
 Stability test passed.

%RSD = 7.3



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

Date of Analysis	Days	Conc.
9/13/21	0	8.3248
9/15/21	2	9.6343
9/18/21	5	9.2657
9/22/21	9	9.7041
9/26/21	13	9.6990
9/26/21	13	10.5786
9/29/21	16	10.5181
10/2/21	19	9.7569
10/5/21	22	9.8080
10/9/21	26	10.2546
10/13/21	30	9.1050



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.365425
R Square	0.1335354
Adjusted R Squ	0.0372616
Standard Error	0.6360082
Observations	11

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.56106548	0.561065484	1.387037136	0.269109374
Residual	9	3.64055816	0.404506462		
Total	10	4.20162364			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	9.3512828	0.34947617	26.75799839	6.88007E-10	8.56071278	10.14185282
X Variable 1	0.0244193	0.02073428	1.177725408	0.269109374	-0.022484909	0.071323479

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

%RSD = 6.7