

Homogeneity and Stability

Sample ID HM21SEP-2
 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	0.3841	0.3653
2	0.3611	0.3914
3	0.3572	0.3744
4	0.3650	0.3847
5	0.3780	0.3638
6	0.3851	0.3866
7	0.3862	0.3618
8	0.3619	0.3544
9	0.3827	0.3854
10	0.3886	0.3802

		%RSD	HorRat-r
Overall average:	0.3749		
SD of sample avgs:	0.008677	2.31	
repeatability SD:	0.01203	3.21	0.7
between-sample SD:	0.00171	0.46	
reproducibility SD:	0.01215	3.24	
SD used for Analyte z scores:	0.0425		
Check value:	0.01275		

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	12.1166	11.5470
2	11.8106	12.0818
3	11.7608	11.8096
4	11.6972	12.1636
5	12.3827	12.1780
6	12.0953	12.0820
7	12.2462	11.8386
8	11.6896	11.6879
9	12.0838	12.0092
10	12.3454	12.1221

		%RSD	HorRat-r
Overall average:	11.9874		
SD of sample avgs:	0.1893	1.58	
repeatability SD:	0.2099	1.75	0.6
between-sample SD:	0.1175	0.98	
reproducibility SD:	0.2406	2.01	
SD used for Analyte z scores:	1.0154		
Check value:	0.30462		

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	0.3996
9/15/21	2	0.3518
9/18/21	5	0.4172
9/22/21	9	0.3590
9/26/21	13	0.3675
9/26/21	13	0.3979
9/29/21	16	0.4297
10/2/21	19	0.3818
10/5/21	22	0.4274
10/9/21	26	0.3704
10/13/21	30	0.3889

Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.127701
R Square	0.0163075
Adjusted R Squ	-0.0929916
Standard Error	0.0281465
Observations	11

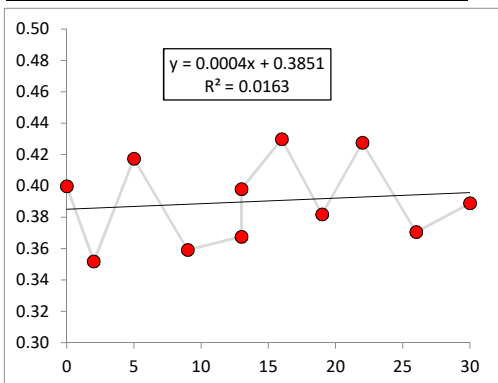
ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.0001182	0.000118201	0.14920095	0.708273151
Residual	9	0.00713003	0.000792225		
Total	10	0.00724823			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.3851148	0.01546604	24.90066702	1.30427E-09	0.350128163	0.420101402
X Variable 1	0.0003544	0.00091759	0.386265389	0.708273151	-0.001721307	0.002430177

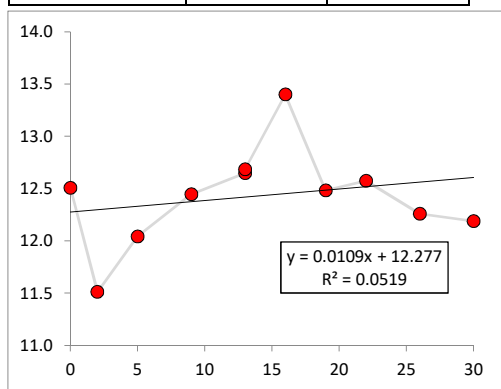
Coefficient for x variable is not statistically significantly different from 0.
 No significant change in result during testing period.
 Stability test passed.

%RSD = 6.9



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

Date of Analysis	Days	Conc.
9/13/21	0	12.5077
9/15/21	2	11.5109
9/18/21	5	12.0415
9/22/21	9	12.4463
9/26/21	13	12.6489
9/26/21	13	12.6841
9/29/21	16	13.4009
10/2/21	19	12.4823
10/5/21	22	12.5731
10/9/21	26	12.2586
10/13/21	30	12.1875



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.2278848
R Square	0.0519315
Adjusted R Squ	-0.0534095
Standard Error	0.4779449
Observations	11

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.11261318	0.112613177	0.492984775	0.500352657
Residual	9	2.05588214	0.228431349		
Total	10	2.16849532			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	12.276917	0.26262296	46.74731049	4.69633E-12	11.68282255	12.87101136
X Variable 1	0.0109401	0.01558131	0.702128746	0.500352657	-0.024307289	0.046187463

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

No significant change in result during testing period.

Stability test passed.

%RSD = 3.7