

Homogeneity and Stability

Sample ID	HM21NOV-1
Samples shipped	8-Nov-21
Results due date	15-Dec-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: 12/5/21

Sample #	Replicate 1	Replicate 2
1	0.2461	0.2428
2	0.2395	0.2453
3	0.2413	0.2453
4	0.2412	0.2461
5	0.2467	0.2453
6	0.2503	0.2453
7	0.2448	0.2458
8	0.2481	0.2416
9	0.2446	0.2484
10	0.2449	0.2443

		%RSD	HorRat-r
Overall average:	0.2449		
SD of sample avgs:	0.0016	0.65	
repeatability SD:	0.002916	1.19	0.2
between-sample SD:	0	0.00	
reproducibility SD:	0.002916	1.19	
SD used for Analyte z scores:	0.0418		
Check value:	0.01254		

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: 12/5/21

Sample #	Replicate 1	Replicate 2
1	8.7465	8.5925
2	8.5771	8.8995
3	8.6275	8.7530
4	8.7473	8.9320
5	8.9393	8.7187
6	8.9098	8.7635
7	8.9100	8.7741
8	8.8665	8.6221
9	8.7863	8.8323
10	8.7002	8.7459

		%RSD	
Overall average:	8.7722		
SD of sample avgs:	0.0665	0.76	
repeatability SD:	0.1284	1.46	0.5
between-sample SD:	0	0.00	
reproducibility SD:	0.1284	1.46	
SD used for Analyte z scores:	0.5444		
Check value:	0.16332		

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.
11/7/21	0	0.2607
11/10/21	3	0.2575
11/10/21	3	0.2524
11/17/21	10	0.2493
11/23/21	16	0.2376
12/5/21	28	0.2354
12/6/21	29	0.2398
12/12/21	35	0.2622
12/14/21	37	0.2702
12/19/21	42	0.2568

Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.082386
R Square	0.0067875
Adjusted R Squ	-0.1173641
Standard Error	0.0122216
Observations	10

ANOVA

	df	SS	MS	F	Significance F
Regression	1	8.1661E-06	8.16606E-06	0.054671	0.820998776
Residual	8	0.00119494	0.000149368		
Total	9	0.00120311			

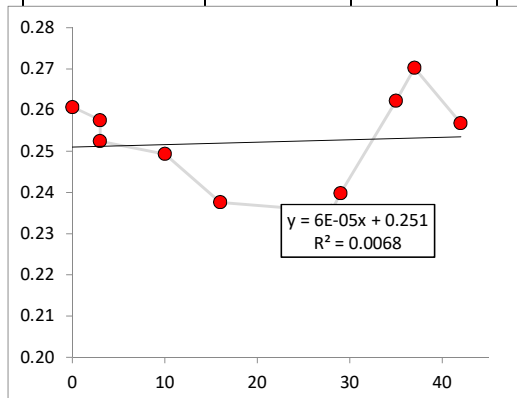
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.2509632	0.00651642	38.51244058	2.27E-10	0.235936356	0.265990141
X Variable 1	6.043E-05	0.00025845	0.233817803	0.820999	-0.000535565	0.000656427

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

No significant change in result during testing period.

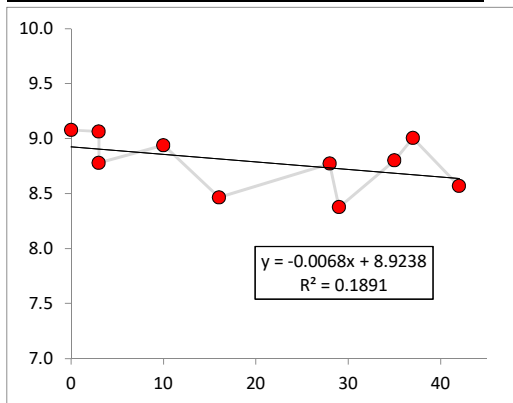
Stability test passed.

%RSD = 4.6



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

Date of Analysis	Days	Conc.
11/7/21	0	9.0779
11/10/21	3	9.0648
11/10/21	3	8.7777
11/17/21	10	8.9396
11/23/21	16	8.4649
12/5/21	28	8.7711
12/6/21	29	8.3760
12/12/21	35	8.8016
12/14/21	37	9.0067
12/19/21	42	8.5674



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.4348887
R Square	0.1891282
Adjusted R Squ	0.0877692
Standard Error	0.2371256
Observations	10

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.10491826	0.104918265	1.865925	0.209104658
Residual	8	0.44982854	0.056228567		
Total	9	0.5547468			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	8.9238216	0.12643258	70.58166135	1.81E-12	8.632267542	9.21537565
X Variable 1	-0.0068498	0.00501456	-1.3659885	0.209105	-0.01841343	0.004713766

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

No significant change in result during testing period.

Stability test passed.

%RSD = 2.8