

Homogeneity and Stability

Sample ID HM21NOV-2
 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	0.3579	0.3313
2	0.3416	0.3367
3	0.3397	0.3425
4	0.3430	0.3420
5	0.3344	0.3467
6	0.3379	0.3441
7	0.3431	0.3389
8	0.3314	0.3325
9	0.3346	0.3424
10	0.3377	0.3358

		%RSD	HorRat-r
Overall average:	0.3397		
SD of sample avgs:	0.003472	1.02	
repeatability SD:	0.007134	2.10	0.4
between-sample SD:	0	0.00	
reproducibility SD:	0.007134	2.10	
SD used for Analyte z scores:	0.0428		
Check value:	0.01284		

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	11.9483	11.3102
2	11.4762	11.3630
3	11.3419	11.4288
4	11.3976	11.3338
5	11.1827	11.4934
6	11.3686	11.5406
7	11.5154	10.7645
8	11.2955	11.4764
9	11.3805	11.4802
10	11.4085	11.5123

		%RSD	
Overall average:	11.4009		
SD of sample avgs:	0.1218	1.07	
repeatability SD:	0.2424	2.13	0.8
between-sample SD:	0	0.00	
reproducibility SD:	0.2424	2.13	
SD used for Analyte z scores:	0.6799		
Check value:	0.20397		

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	0.3466
11/10/21	3	0.3494
11/10/21	3	0.3396
11/17/21	10	0.3460
11/23/21	16	0.3283
12/5/21	28	0.3378
12/6/21	29	0.3480
12/12/21	35	0.3472
12/14/21	37	0.3827
12/19/21	42	0.3702

Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.5472985
R Square	0.2995357
Adjusted R Squ	0.2119776
Standard Error	0.0140147
Observations	10

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.00067192	0.000671923	3.420996	0.10153998
Residual	8	0.00157129	0.000196412		
Total	9	0.00224322			

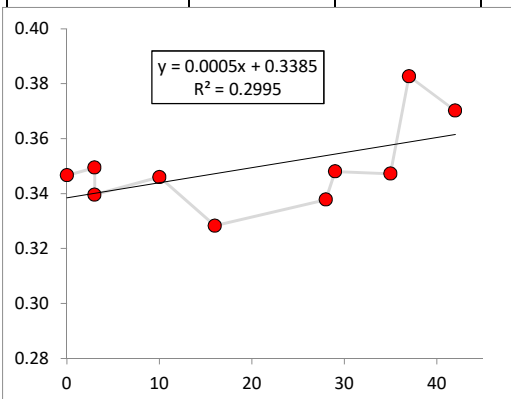
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.3384522	0.00747247	45.29322611	6.24E-11	0.321220634	0.355683717
X Variable 1	0.0005482	0.00029637	1.849593431	0.10154	-0.000135268	0.001231605

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

No significant change in result during testing period.

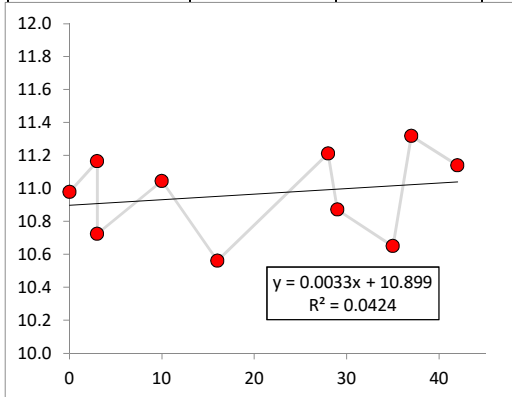
Stability test passed.

%RSD = 4.5



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

Date of Analysis	Days	Conc.
11/7/21	0	10.9786
11/10/21	3	11.1663
11/10/21	3	10.7250
11/17/21	10	11.0445
11/23/21	16	10.5618
12/5/21	28	11.2120
12/6/21	29	10.8712
12/12/21	35	10.6502
12/14/21	37	11.3184
12/19/21	42	11.1410



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.2058069
R Square	0.0423565
Adjusted R Squ	-0.0773489
Standard Error	0.2661914
Observations	10

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.02507229	0.025072293	0.353839	0.568386624
Residual	8	0.56686279	0.070857848		
Total	9	0.59193508			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	10.898925	0.14193009	76.79080135	9.22E-13	10.5716339	11.22621665
X Variable 1	0.0033485	0.00562922	0.594843944	0.568387	-0.0096325	0.016329518

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

No significant change in result during testing period.

Stability test passed.

%RSD = 2.3