

Homogeneity and Stability

Sample ID HM22SEP-2
 Samples shipped 20-Sep-22
 Results due date 1-Nov-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: 9/22/22

Sample #	Replicate 1	Replicate 2
1	0.1850	0.1831
2	0.1645	0.1803
3	0.1751	0.1825
4	0.1781	0.1871
5	0.1772	0.1857
6	0.1862	0.1881
7	0.1785	0.1841
8	0.1796	0.1818
9	0.1760	0.1873
10	0.1834	0.1827

		%RSD	HorRat-r
Overall average:	0.1813		
SD of sample avgs:	0.003827	2.11	
repeatability SD:	0.0056167	3.10	0.6
between-sample SD:	0	0.00	
reproducibility SD:	0.0056167	3.10	
SD used for Analyte z scores:	0.0353		
Check value:	0.01059		

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: 9/22/22

Sample #	Replicate 1	Replicate 2
1	8.8840	9.0537
2	8.2143	8.9063
3	8.7926	9.0745
4	8.9041	9.3286
5	8.8114	9.0558
6	9.0477	9.1120
7	8.8414	9.0449
8	8.9754	9.1747
9	8.7685	9.1864
10	9.0115	8.8758

		%RSD	HorRat-r
Overall average:	8.9532		
SD of sample avgs:	0.1541	1.72	
repeatability SD:	0.2351	2.63	0.9
between-sample SD:	0	0.00	
reproducibility SD:	0.2351	2.63	
SD used for Analyte z scores:	0.7939		
Check value:	0.23817		

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.
9/7/22	0	0.1787
9/13/22	6	0.1976
9/19/22	12	0.2058
9/23/22	16	0.2026
9/30/22	23	0.1867
10/7/22	30	0.2234
10/14/22	37	0.2116
10/19/22	42	0.1988
10/24/22	47	0.1937
10/31/22	54	0.2081

Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.3950199
R Square	0.1560407
Adjusted R Squ	0.0505458
Standard Error	0.0124136
Observations	10

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.00022793	0.000227929	1.479130192	0.258574811
Residual	8	0.00123277	0.000154096		
Total	9	0.0014607			

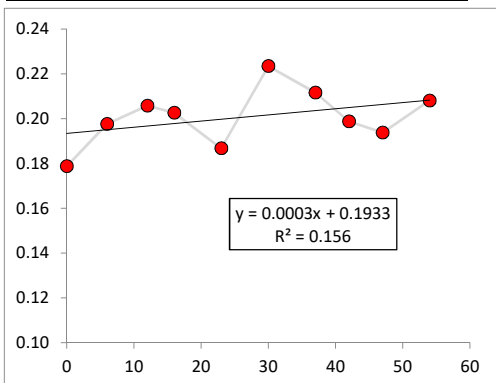
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.1933332	0.00721801	26.78482113	4.06227E-09	0.176688451	0.209977993
X Variable 1	0.0002759	0.00022686	1.216194965	0.258574811	-0.000247237	0.000799056

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

No significant change in result during testing period.

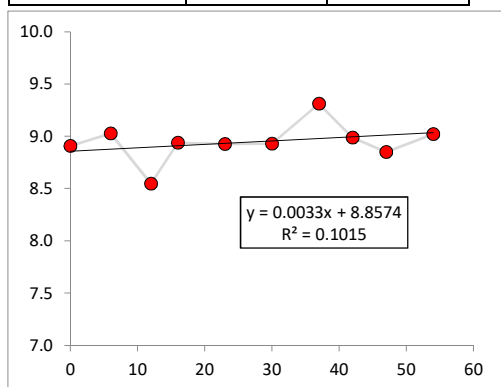
Stability test passed.

%RSD = 6.3 HorRat-R = 1.3



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

Date of Analysis	Days	Conc.
9/7/22	0	8.9087
9/13/22	6	9.0274
9/19/22	12	8.5468
9/23/22	16	8.9400
9/30/22	23	8.9261
10/7/22	30	8.9286
10/14/22	37	9.3123
10/19/22	42	8.9888
10/24/22	47	8.8509
10/31/22	54	9.0225



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.3185594
R Square	0.1014801
Adjusted R Squ	-0.0108349
Standard Error	0.1892872
Observations	10

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.03237319	0.032373185	0.903531156	0.36966584
Residual	8	0.28663702	0.035829628		
Total	9	0.31901021			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	8.8574148	0.11006332	80.47562639	6.3383E-13	8.603608313	9.111221265
X Variable 1	0.0032882	0.0034593	0.950542559	0.36966584	-0.004688946	0.011265366

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

No significant change in result during testing period.

Stability test passed.

%RSD = 2.1 HorRat-R = 0.7