

Homogeneity and Stability

Sample ID HM24SEP-1
 Samples shipped 9-Sep-24
 Results due date 18-Oct-24

Homogeneity

8 sample jars 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: 9/25/23

Sample #	Replicate 1	Replicate 2
1	0.1909	0.1908
2	0.2052	0.2011
3	0.1991	0.1959
4	0.1918	0.1976
5	0.1932	0.2025
6	0.1939	0.1906
7	0.1906	0.1942
8	0.1904	0.1923

		%RSD	HorRat-r
Overall average:	0.1950		
SD of sample avgs:	0.004238	2.17	
repeatability SD:	0.003304	1.69	0.3
between-sample SD:	0.00354	1.82	
reproducibility SD:	0.00484	2.48	
SD used for Analyte z scores:	0.0309		
Check value:	0.00927		

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: 9/25/23

Sample #	Replicate 1	Replicate 2
1	7.5457	7.7217
2	8.0394	8.0554
3	7.8393	7.8980
4	7.6803	7.9986
5	7.8521	8.2496
6	7.8518	7.7866
7	7.9296	7.8712
8	7.8221	7.8567

		%RSD	HorRat-r
Overall average:	7.8749		
SD of sample avgs:	0.1337	1.70	
repeatability SD:	0.1376	1.75	0.6
between-sample SD:	0.09177	1.17	
reproducibility SD:	0.1654	2.10	
SD used for Analyte z scores:	0.9137		
Check value:	0.27411		

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.
9/10/24	0	0.1942
9/16/24	6	0.1941
9/17/24	7	0.2336
9/25/24	15	0.1947
9/30/24	20	0.1971
10/7/24	27	0.1846
10/10/24	46	0.2254

Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.2347614
R Square	0.0551129
Adjusted R Squ	-0.1338645
Standard Error	0.0196152
Observations	7

ANOVA

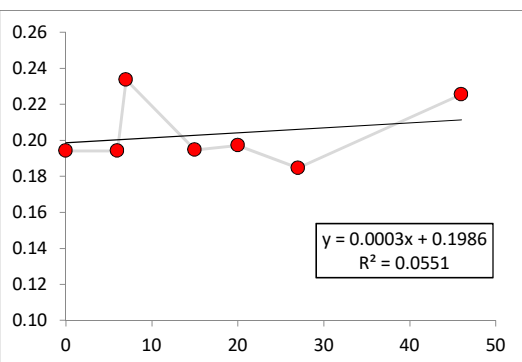
	df	SS	MS	F	Significance F
Regression	1	0.00011221	0.0001122	0.2916	0.61234777
Residual	5	0.00192378	0.0003848		
Total	6	0.00203599			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.1985992	0.0115552	17.186994	1E-05	0.168895639	0.228302838
X Variable 1	0.0002769	0.00051275	0.5400347	0.6123	-0.001041166	0.001594973

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

No significant change in result during testing period.

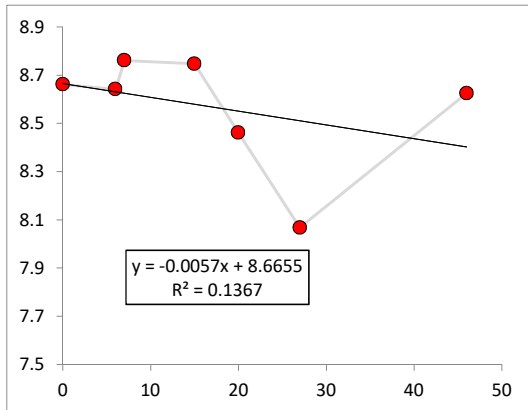
Stability test passed.



%RSD = 9.1 HorRat-R = 1.8

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

Date of Analysis	Days	Conc.
9/10/24	0	8.6617
9/16/24	6	8.6419
9/17/24	7	8.7614
9/25/24	15	8.7477
9/30/24	20	8.4618
10/1/24	21	8.0677
10/7/24	27	8.6254
10/10/24	46	8.2989



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.5697501
R Square	0.3246151
Adjusted R Squ	0.212051
Standard Error	0.215247
Observations	8

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.13361123	0.1336112	2.8838	0.140391466
Residual	6	0.27798764	0.0463313		
Total	7	0.41159887			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	8.7022205	0.12523775	69.485602	6E-10	8.395774764	9.008666239
X Variable 1	-0.0095159	0.0056036	-1.6981825	0.1404	-0.023227471	0.004195584

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 HorRat-R = 1