

Homogeneity and Stability

Sample ID	HM23SEP-2
Samples shipped	11-Sep-23
Results due date	20-Oct-23

Homogeneity

7 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	0.2047	0.2158
2	0.2080	0.2107
3	0.2128	0.2085
4	0.2127	0.2120
5	0.2107	0.2124
6	0.2032	0.2096
7	0.2052	0.2068

		%RSD	HorRat-r
Overall average:	0.2095		
SD of sample avgs:	0.002459	1.17	
repeatability SD:	0.0037214	1.78	0.4
between-sample SD:	0	0.00	
reproducibility SD:	0.0037214	1.78	
SD used for Analyte z scores:	0.0329		
Check value:	0.00987		

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	7.2118	7.3822
2	7.3517	7.4150
3	7.4656	7.3878
4	7.4006	7.4510
5	7.3275	7.4824
6	7.2267	7.4568
7	7.2843	7.2770

		%RSD	HorRat-r
Overall average:	7.3657		
SD of sample avgs:	0.060154	0.82	
repeatability SD:	0.092047	1.25	0.4
between-sample SD:	0	0.00	
reproducibility SD:	0.092047	1.25	
SD used for Analyte z scores:	0.6903		
Check value:	0.20709		

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.
9/8/23	0	0.1980
9/21/23	13	0.2166
9/25/23	17	0.2101
9/27/23	19	0.2100
10/3/23	25	0.1916
10/9/23	31	0.2028
10/12/23	34	0.2179
10/24/23	46	0.2012

Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.0038205
R Square	1.46E-05
Adjusted R Squ	-0.1666496
Standard Error	0.0099281
Observations	8

ANOVA

	df	SS	MS	F	Significance F
Regression	1	8.6324E-09	8.63238E-09	8.75782E-05	0.992836649
Residual	6	0.00059141	9.85677E-05		
Total	7	0.00059142			

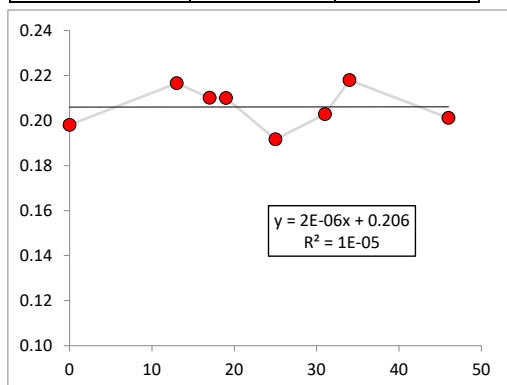
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.2059676	0.00707119	29.12771657	1.085E-07	0.188664981	0.223270128
X Variable 1	2.484E-06	0.00026545	0.009358322	0.992836649	-0.000647041	0.00065201

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

No significant change in result during testing period.

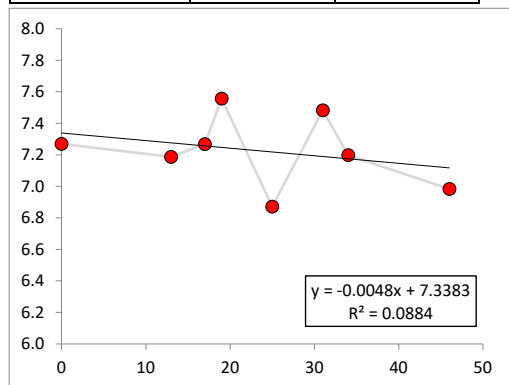
Stability test passed.

%RSD = 4.5 HorRat-R = 0.9



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

Date of Analysis	Days	Conc.
9/8/23	0	7.2692
9/21/23	13	7.1864
9/25/23	17	7.2688
9/27/23	19	7.5574
10/3/23	25	6.8713
10/9/23	31	7.4821
10/12/23	34	7.1984
10/24/23	46	6.9832



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.2973376
R Square	0.0884096
Adjusted R Square	-0.0635221
Standard Error	0.2358743
Observations	8

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.0323752	0.032375203	0.581903696	0.474479903
Residual	6	0.33382022	0.055636703		
Total	7	0.36619542			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	7.3383496	0.16799861	43.68101359	9.63758E-09	6.927271827	7.749427413
X Variable 1	-0.0048108	0.00630654	-0.76282612	0.474479903	-0.020242345	0.010620756

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

No significant change in result during testing period.

Stability test passed.

%RSD = 3.2 HorRat-R = 1.1