

Homogeneity and Stability

Sample ID HM23NOV-2
 Samples shipped 6-Nov-23
 Results due date 15-Dec-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: 11/10/23

Sample #	Replicate 1	Replicate 2
1	0.2074	0.2018
2	0.2123	0.2175
3	0.2047	0.2081
4	0.2110	0.2152
5	0.2129	0.2084
6	0.2179	0.2096
7	0.2086	0.2114
8	0.2148	0.2051
9	0.2097	0.2128
10	0.2110	0.2058

		%RSD	HorRat-r
Overall average:	0.2103		
SD of sample avgs:	0.003229	1.54	
repeatability SD:	0.003978	1.89	0.4
between-sample SD:	0.00159	0.76	
reproducibility SD:	0.004282	2.04	
SD used for Analyte z scores:	0.0286		
Check value:	0.00858		

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: 11/10/23

Sample #	Replicate 1	Replicate 2
1	7.2068	7.0835
2	7.3140	7.6497
3	7.0645	7.2466
4	7.3598	7.5365
5	7.4416	7.3079
6	7.6418	7.3634
7	7.3048	7.5673
8	7.5268	7.2731
9	7.2191	7.4340
10	7.2287	7.2524

		%RSD	HorRat-r
Overall average:	7.3511		
SD of sample avgs:	0.1304	1.77	
repeatability SD:	0.1529	2.08	0.7
between-sample SD:	0.07294	0.99	
reproducibility SD:	0.1694	2.30	
SD used for Analyte z scores:	0.8278		
Check value:	0.24834		

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.
11/10/23	0	0.2172
11/14/23	4	0.2241
11/29/23	19	0.1987
12/4/23	24	0.2101
12/7/23	27	0.1978
12/12/23	32	0.2264

Days = x variable, Conc = y variable

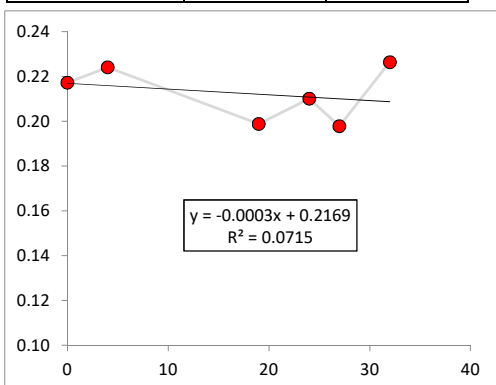
SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.2674515
R Square	0.0715303
Adjusted R Squ	-0.1605871
Standard Error	0.0133
Observations	6

ANOVA

	df	SS	MS	F	Significance F
Regression	1	5.4511E-05	5.4511E-05	0.308164313	0.60838819
Residual	4	0.00070756	0.000176889		
Total	5	0.00076207			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.2169018	0.0097843	22.16834919	2.45103E-05	0.189736191	0.244067329
X Variable 1	-0.0002558	0.00046072	-0.55512549	0.60838819	-0.001534937	0.001023417

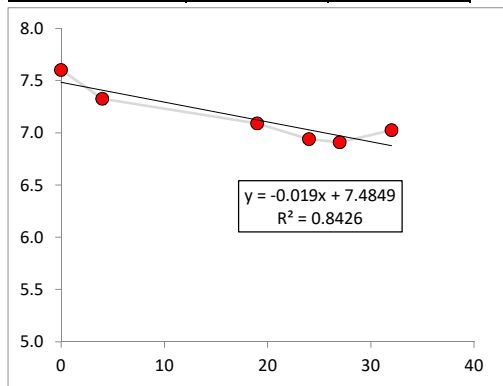


Coefficient for x variable is not statistically significantly different from 0.
 No significant change in result during testing period.
 Stability test passed.

%RSD = 5.8 HorRat-R = 1.2

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

Date of Analysis	Days	Conc.
11/10/23	0	7.6030
11/14/23	4	7.3259
11/29/23	19	7.0911
12/4/23	24	6.9415
12/7/23	27	6.9094
12/12/23	32	7.0272



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.9179292
R Square	0.8425941
Adjusted R Squ	0.8032426
Standard Error	0.1183699
Observations	6

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.30001309	0.300013093	21.41200421	0.009827018
Residual	4	0.05604578	0.014011444		
Total	5	0.35605887			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	7.4848921	0.08708038	85.95382437	1.09824E-07	7.243118173	7.726665987
X Variable 1	-0.0189741	0.00410046	-4.62731069	0.009827018	-0.030358769	-0.007589391

Coefficient for x variable is statistically significantly different from 0.

Significant change in result occurred during testing period.

Stability test did not pass.

%RSD = 3.7 HorRat-R = 1.3