

Homogeneity and Stability

Sample ID HM23SEP-1
 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	0.2284	0.2249
2	0.2337	0.2285
3	0.2301	0.2247
4	0.2284	0.2235
5	0.2298	0.2313
6	0.2301	0.2255
7	0.2279	0.2258
8	0.2278	0.2333
9	0.2261	0.2341
10	0.2239	0.2210

		%RSD	HorRat-r
Overall average:	0.2279		
SD of sample avgs:	0.002692	1.18	
repeatability SD:	0.003342	1.47	0.3
between-sample SD:	0.00129	0.57	
reproducibility SD:	0.003582	1.57	
SD used for Analyte z scores:	0.0342		
Check value:	0.01026		

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	8.1436	8.2052
2	8.4303	8.1658
3	8.3128	8.1929
4	8.2403	8.1847
5	8.2701	8.3636
6	8.4178	8.3057
7	8.3233	8.2408
8	8.4093	8.5376
9	8.3333	8.5916
10	8.3098	8.1383

		%RSD	HorRat-r
Overall average:	8.3058		
SD of sample avgs:	0.1011	1.22	
repeatability SD:	0.1077	1.30	0.4
between-sample SD:	0.06649	0.80	
reproducibility SD:	0.1266	1.52	
SD used for Analyte z scores:	0.8098		
Check value:	0.24294		

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	0.2291
9/21/23	13	0.2375
9/25/23	17	0.2349
9/27/23	19	0.2267
10/3/23	25	0.2173
10/9/23	31	0.2300
10/12/23	34	0.2338
10/24/23	46	0.2253

Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.2553082
R Square	0.0651823
Adjusted R Squ	-0.0906207
Standard Error	0.0066769
Observations	8

ANOVA

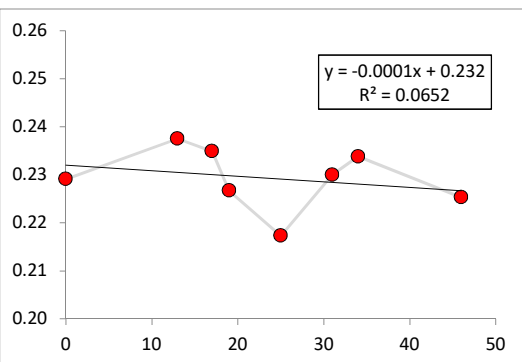
	df	SS	MS	F	Significance F
Regression	1	1.8651E-05	1.865E-05	0.4184	0.541692273
Residual	6	0.00026748	4.458E-05		
Total	7	0.00028614			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.2319952	0.00475552	48.784365	5E-09	0.220358846	0.243631539
X Variable 1	-0.0001155	0.00017852	-0.6468104	0.5417	-0.000552287	0.000321352

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

No significant change in result during testing period.

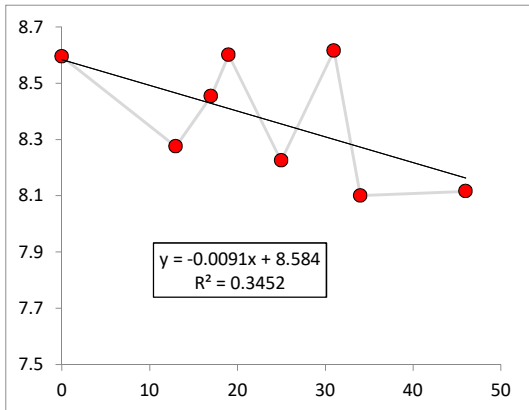
Stability test passed.



%RSD = 2.8 HorRat-R = 0.6

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

Date of Analysis	Days	Conc.
9/8/23	0	8.5946
9/21/23	13	8.2748
9/25/23	17	8.4537
9/27/23	19	8.6014
10/3/23	25	8.2247
10/9/23	31	8.6152
10/12/23	34	8.1002
10/24/23	46	8.1157



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.5875778
R Square	0.3452477
Adjusted R Squ	0.2361223
Standard Error	0.192253
Observations	8

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.11693678	0.1169368	3.1638	0.125602588
Residual	6	0.22176722	0.0369612		
Total	7	0.338704			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	8.5839681	0.13692982	62.688813	1E-09	8.248912903	8.919023314
X Variable 1	-0.0091429	0.00514024	-1.7786993	0.1256	-0.021720665	0.003434775

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

No significant change in result during testing period.

Stability test passed.

%RSD = 2.6 HorRat-R = 0.9