

Homogeneity and Stability

Sample ID HM24SEP-2
 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	0.1604	0.1554
2	0.1613	0.1566
3	0.1551	0.1598
4	0.1568	0.1627
5	0.1590	0.1583
6	0.1586	0.1592
7	0.1658	0.1647
8	0.1651	0.1541

		%RSD	HorRat-r
Overall average:	0.1596		
SD of sample avgs:	0.002424	1.52	
repeatability SD:	0.003761	2.36	0.4
between-sample SD:	0	0.00	
reproducibility SD:	0.003761	2.36	
SD used for Analyte z scores:	0.0245		
Check value:	0.00735		

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	7.9806	8.0543
2	8.1219	8.0328
3	7.8632	8.0763
4	8.0924	8.3647
5	8.1744	8.0214
6	8.0521	8.1913
7	8.3994	8.5158
8	8.3597	7.8497

		%RSD	HorRat-r
Overall average:	8.1344		
SD of sample avgs:	0.1511	1.86	
repeatability SD:	0.1676	2.06	0.7
between-sample SD:	0.0937	1.15	
reproducibility SD:	0.192	2.36	
SD used for Analyte z scores:	0.9634		
Check value:	0.28902		

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	0.1487
9/16/24	6	0.1628
9/17/24	7	0.1576
9/25/24	15	0.1551
9/30/24	20	0.1602
10/7/24	27	0.1394
10/10/24	30	0.1751

Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.1894503
R Square	0.0358914
Adjusted R Squ	-0.1569303
Standard Error	0.0120585
Observations	7

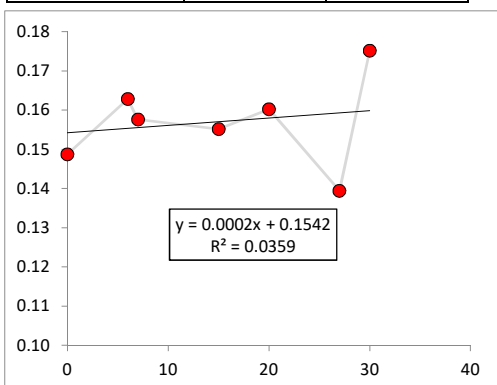
ANOVA

	df	SS	MS	F	Significance F
Regression	1	2.7066E-05	2.7066E-05	0.186137805	0.684119708
Residual	5	0.00072704	0.000145409		
Total	6	0.00075411			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.1541624	0.0079747	19.33143901	6.833E-06	0.133662798	0.174662033
X Variable 1	0.0001882	0.00043626	0.431436908	0.684119708	-0.000933229	0.001309669

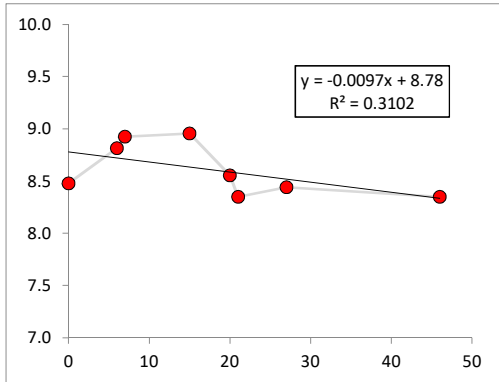
Coefficient for x variable is not statistically significantly different from 0.
 No significant change in result during testing period.
 Stability test passed.

%RSD = 7.1 HorRat-R = 1.4



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

Date of Analysis	Days	Conc.
9/10/24	0	8.4776
9/16/24	6	8.8145
9/17/24	7	8.9245
9/25/24	15	8.9560
9/30/24	20	8.5536
10/1/24	21	8.3491
10/7/24	27	8.4401
10/10/24	46	8.3497



Days = x variable, Conc = y variable
SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.5569695
R Square	0.3102151
Adjusted R Squ	0.1952509
Standard Error	0.2263921
Observations	8

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.1383002	0.138300196	2.698363304	0.151557899
Residual	6	0.30752018	0.051253364		
Total	7	0.44582038			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	8.7799838	0.13172231	66.65525399	7.66936E-10	8.457670913	9.102296658
X Variable 1	-0.0096815	0.00589375	-1.64266957	0.151557899	-0.024102963	0.004740002

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

%RSD = 2.9 HorRat-R = 1