

Homogeneity and Stability

Sample ID HM22SEP-1
 Samples shipped 20-Sep-22
 Results due date 1-Nov-22

Homogeneity

10 sample packets 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: 9/22/22

Sample #	Replicate 1	Replicate 2
1	0.1344	0.1360
2	0.1389	0.1375
3	0.1321	0.1617
4	0.1548	0.1537
5	0.1662	0.1621
6	0.1623	0.1541
7	0.1563	0.1550
8	0.1434	0.1664
9	0.1598	0.1588
10	0.1425	0.1417

		%RSD	HorRat-r
Overall average:	0.1509		
SD of sample avgs:	0.009715	6.44	
repeatability SD:	0.008643	5.73	1.1
between-sample SD:	0.00755	5.00	
reproducibility SD:	0.01148	7.61	
SD used for Analyte z scores:	0.0243		
Check value:	0.00729		

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

Is between-sample SD less than check value? NO

Homogeneity test barely did not pass

Total CBD (%AR) via GC-FID (method 007.40)

Analysis Date: 9/22/22

Sample #	Replicate 1	Replicate 2
1	5.7370	5.7398
2	5.9516	5.9351
3	5.6495	6.0378
4	5.6211	6.0123
5	6.1096	6.1647
6	6.2210	6.0142
7	5.9217	6.2315
8	6.1790	6.1875
9	6.1276	6.1769
10	6.1993	6.2865

		%RSD	HorRat-r
Overall average:	6.0252		
SD of sample avgs:	0.1756	2.91	
repeatability SD:	0.151	2.51	0.8
between-sample SD:	0.1394	2.31	
reproducibility SD:	0.2055	3.41	
SD used for Analyte z scores:	0.6211		
Check value:	0.18633		

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.
9/7/22	0	0.1408
9/13/22	6	0.1596
9/19/22	12	0.1721
9/23/22	16	0.1513
9/30/22	23	0.1408
10/7/22	30	0.1636
10/14/22	37	0.1599
10/19/22	42	0.1455
10/24/22	47	0.1542
10/31/22	54	0.1540

Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.0088514
R Square	7.835E-05
Adjusted R Squ	-0.1249119
Standard Error	0.0106865
Observations	10

ANOVA

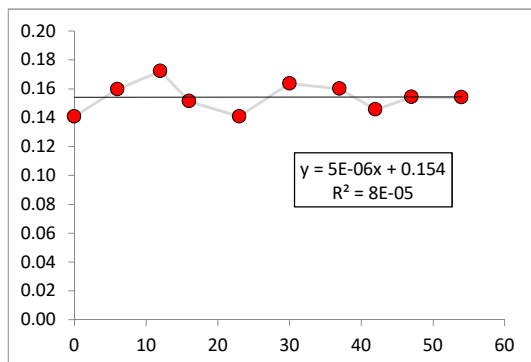
	df	SS	MS	F	Significance F
Regression	1	7.1584E-08	7.158E-08	0.0006	0.980639086
Residual	8	0.0009136	0.0001142		
Total	9	0.00091368			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.1540494	0.00621378	24.791601	7E-09	0.139720455	0.16837844
X Variable 1	4.89E-06	0.0001953	0.0250365	0.9806	-0.000445472	0.000455251

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

No significant change in result during testing period.

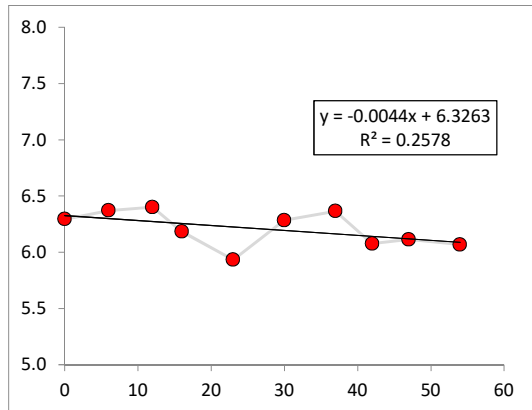
Stability test passed.



%RSD = 6.5 HorRat-R = 1.2

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

Date of Analysis	Days	Conc.
9/7/22	0	6.2940
9/13/22	6	6.3715
9/19/22	12	6.4012
9/23/22	16	6.1838
9/30/22	23	5.9329
10/7/22	30	6.2842
10/14/22	37	6.3650
10/19/22	42	6.0760
10/24/22	47	6.1132
10/31/22	54	6.0673



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.5077515
R Square	0.2578115
Adjusted R Squ	0.165038
Standard Error	0.1442777
Observations	10

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.05784642	0.0578464	2.7789	0.134070535
Residual	8	0.16652841	0.0208161		
Total	9	0.22437483			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	6.326269	0.08389202	75.409666	1E-12	6.13281365	6.519724328
X Variable 1	-0.0043955	0.00263673	-1.6670134	0.1341	-0.010475783	0.001684848

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

No significant change in result during testing period.

Stability test passed.

%RSD = 2.5 HorRat-R = 0.8