

Homogeneity and Stability

Sample ID OL23NOV-1
Samples shipped 6-Nov-23
Results due date 15-Dec-23

Homogeneity

10 sample vials randomly chosen for analysis.

Duplicate test portions analyzed for analyte and method shown in table caption

Total delta-9 THC (%AR) via GC-FID (method 006.40)

Analysis Date: 11/14/23

Sample #	Replicate 1	Replicate 2
1	0.0783	0.0774
2	0.0774	0.0767
3	0.0797	0.0771
4	0.0755	0.0772
5	0.0755	0.0779
6	0.0771	0.0757
7	0.0770	0.0760
8	0.0785	0.0782
9	0.0774	0.0752
10	0.0807	0.0775

		%RSD	HorRat-r
Overall average:	0.0773		
SD of sample avgs:	0.001023	1.32	
repeatability SD:	0.001326	1.72	0.3
between-sample SD:	0.00041	0.53	
reproducibility SD:	0.001388	1.80	
SD used for Analyte z scores:	0.0111		
Check value:	0.00333		

Total delta-9 THC (%AR) via GC-FID (method 006.40)

Is between-sample SD less than check value? YES

Homogeneity test passed

delta-8 THC (%AR) via GC-FID (method 0013.99)

Analysis Date: 11/14/23

Sample #	Replicate 1	Replicate 2
1	0.0826	0.0878
2	0.0993	0.0867
3	0.0914	0.0858
4	0.0862	0.0865
5	0.0854	0.0882
6	0.0878	0.0879
7	0.0883	0.0848
8	0.0868	0.0862
9	0.0876	0.0880
10	0.0894	0.0863

		%RSD	HorRat-r
Overall average:	0.0877		
SD of sample avgs:	0.002137	2.44	
repeatability SD:	0.003519	4.01	0.7
between-sample SD:	0	0.00	
reproducibility SD:	0.003519	4.01	
SD used for Analyte z scores:	0.0066		
Check value:	0.00198		

delta-8 THC (%AR) via GC-FID (method 0013.99)

Is between-sample SD less than check value? YES

Homogeneity test passed

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

Analysis Date: 11/14/23

Sample #	Replicate 1	Replicate 2
1	4.6044	4.6564
2	4.6018	4.6844
3	4.8508	4.6359
4	4.6453	4.6880
5	4.6225	4.6716
6	4.6522	4.6261
7	4.6103	4.6587
8	4.6410	4.6638
9	4.6047	4.6090
10	4.7409	4.6428

		%RSD	HorRat-r
Overall average:	4.6555		
SD of sample avgs:	0.03817	0.82	
repeatability SD:	0.06046	1.30	0.4
between-sample SD:	0	0.00	
reproducibility SD:	0.06046	1.30	
SD used for Analyte z scores:	0.5153		
Check value:	0.15459		

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

Is between-sample SD less than check value? YES

Homogeneity test passed

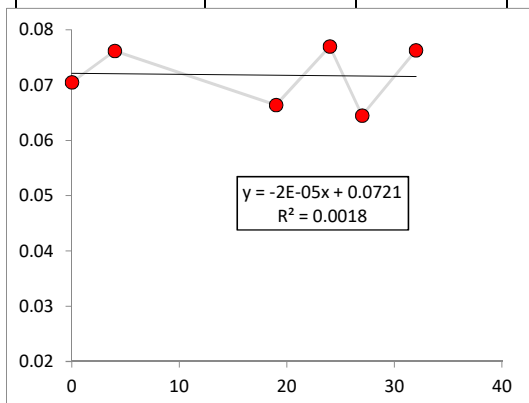
Stability

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	0.0705
11/14/23	4	0.0762
11/29/23	19	0.0664
12/4/23	24	0.0770
12/7/23	27	0.0645
12/12/23	32	0.0763



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.0425034
R Square	0.0018065
Adjusted R Squ	-0.2477418
Standard Error	0.0061342
Observations	6

ANOVA

	df	SS	MS	F	Significance F
Regression	1	2.7241E-07	2.72405E-07	0.007239	0.936283254
Residual	4	0.00015052	3.7629E-05		
Total	5	0.00015079			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.0721361	0.00451274	15.9849915	8.95E-05	0.05960671	0.08466545
X Variable 1	-1.808E-05	0.0002125	-0.08508374	0.936283	-0.000608065	0.000571905

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

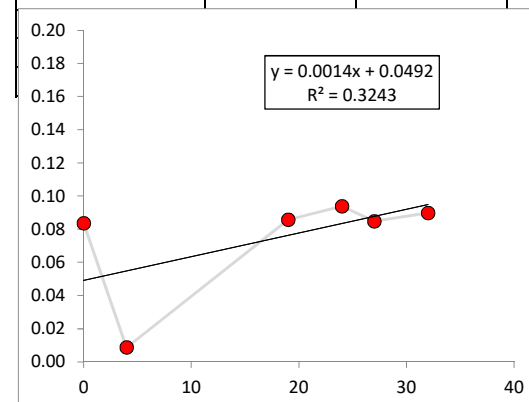
No significant change in result during testing period.

Stability test passed.

%RSD = 7.6 HorRat-R = 1.3

delta-8 THC (%AR) via GC-FID (method 006.40)

Date of Analysis	Days	Conc.
11/10/23	0	0.0836
11/14/23	4	0.0087
11/29/23	19	0.0858
12/4/23	24	0.0939
12/7/23	27	0.0848
12/12/23	32	0.0898



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.5694605
R Square	0.3242853
Adjusted R Squ	0.1553566
Standard Error	0.0297993
Observations	6

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.00170466	0.001704655	1.919658	0.238143043
Residual	4	0.003552	0.000887999		
Total	5	0.00525665			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.0491658	0.02192226	2.242732648	0.088354	-0.011700181	0.110031701
X Variable 1	0.0014302	0.00103228	1.385517256	0.238143	-0.001435825	0.004296305

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

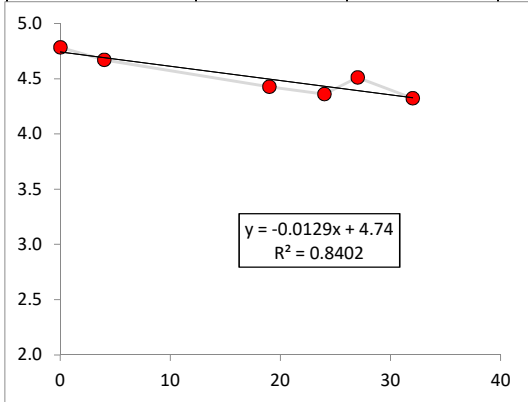
No significant change in result during testing period.

Stability test passed.

%RSD = 43.6 HorRat-R = 7.4

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

Date of Analysis	Days	Conc.
11/10/23	0	4.7833
11/14/23	4	4.6699
11/29/23	19	4.4257
12/4/23	24	4.3595
12/7/23	27	4.5114
12/12/23	32	4.3226



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.9166348
R Square	0.8402193
Adjusted R Square	0.8002741
Standard Error	0.0812124
Observations	6

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.13873091	0.138730906	21.03431	0.010134958
Residual	4	0.02638183	0.006595457		
Total	5	0.16511273			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	4.7400126	0.05974497	79.33743546	1.51E-07	4.574133974	4.905891226
X Variable 1	-0.0129026	0.00281328	-4.58631803	0.010135	-0.020713519	-0.005091681

Coefficient for x variable is statistically significantly different from 0.
Significant change in result occurred during testing period.
Stability test did not pass.

%RSD = 4 HorRat-R = 1.3