

Homogeneity and Stability

Sample ID HM23NOV-1
 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	0.2719	0.2778
2	0.2809	0.2748
3	0.2823	0.2887
4	0.2933	0.2837
5	0.2809	0.2888
6	0.2891	0.2873
7	0.2810	0.2759
8	0.2814	0.2818
9	0.2832	0.2830
10	0.2758	0.2857

		%RSD	HorRat-r
Overall average:	0.2824		
SD of sample avgs:	0.004524	1.60	
repeatability SD:	0.0044474	1.58	0.3
between-sample SD:	0.00325	1.15	
reproducibility SD:	0.005509	1.95	
SD used for Analyte z scores:	0.0321		
Check value:	0.00963		

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	8.8817	9.0955
2	9.2866	9.1670
3	9.4476	9.6893
4	9.8525	9.5736
5	9.5345	9.7954
6	9.8452	9.9545
7	9.7657	9.6664
8	9.7300	9.7695
9	9.8307	9.8048
10	9.6301	10.0039

		%RSD	HorRat-r
Overall average:	9.6162		
SD of sample avgs:	0.2884	3.00	
repeatability SD:	0.1463	1.52	0.5
between-sample SD:	0.2692	2.80	
reproducibility SD:	0.3064	3.19	
SD used for Analyte z scores:	1.3228		
Check value:	0.39684		

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	0.2938
11/14/23	4	0.2986
11/29/23	19	0.2721
12/4/23	24	0.2825
12/7/23	27	0.2730
12/12/23	32	0.2985

Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.3706311
R Square	0.1373674
Adjusted R Squ	-0.0782907
Standard Error	0.0127116
Observations	6

ANOVA

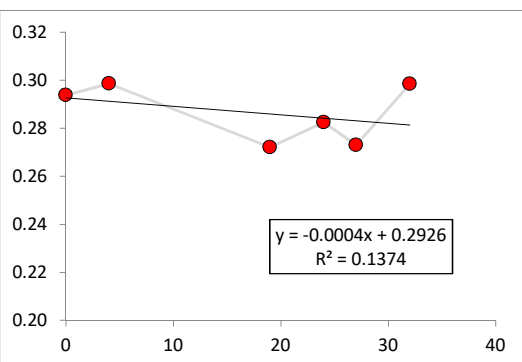
	df	SS	MS	F	Significance F
Regression	1	0.00010293	0.0001029	0.637	0.469509646
Residual	4	0.00064634	0.0001616		
Total	5	0.00074927			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.2926254	0.00935148	31.291873	6E-06	0.266661559	0.318589321
X Variable 1	-0.0003514	0.00044034	-0.798103	0.4695	-0.001574031	0.000871151

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

No significant change in result during testing period.

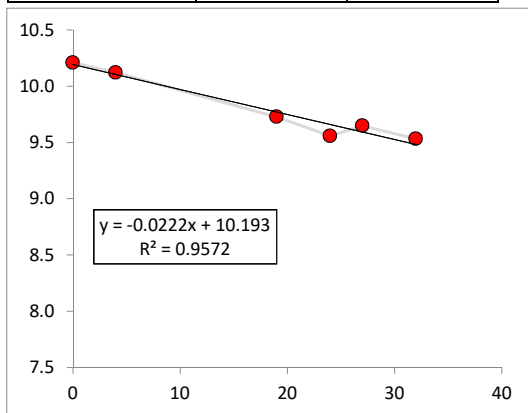
Stability test passed.



%RSD = 4.3 HorRat-R = 0.9

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

Date of Analysis	Days	Conc.
11/10/23	0	10.2101
11/14/23	4	10.1225
11/29/23	19	9.7273
12/4/23	24	9.5580
12/7/23	27	9.6483
12/12/23	32	9.5323



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.9783436
R Square	0.9571561
Adjusted R Squ	0.9464451
Standard Error	0.0679217
Observations	6

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.41225992	0.4122599	89.362	0.000698424
Residual	4	0.01845344	0.0046134		
Total	5	0.43071336			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	10.192694	0.04996749	203.98652	3E-09	10.05396213	10.33142611
X Variable 1	-0.0222421	0.00235288	-9.4531582	0.0007	-0.028774754	-0.015709486

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

HorRat-R = 1.1