

Homogeneity and Stability

Sample ID HM24NOV-1
 Samples shipped 11-Nov-24
 Results due date 20-Dec-24

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	0.2925	0.2941
2	0.2926	0.2980
3	0.2882	0.2934
4	0.2988	0.3003
5	0.3030	0.2942
6	0.3158	0.3095
7	0.3078	0.3226
8	0.3152	0.3045
9		
10		

		%RSD	HorRat-r
Overall average:	0.3019		
SD of sample avgs:	0.009367	3.10	
repeatability SD:	0.005661	1.88	0.4
between-sample SD:	0.00847	2.81	
reproducibility SD:	0.01019	3.38	
SD used for Analyte z scores:	0.0445		
Check value:	0.01335		

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	10.5912	10.1314
2	10.3659	10.2349
3	10.2514	10.4385
4	10.6742	10.2659
5	10.3613	10.2841
6	10.5946	10.4315
7	10.0199	10.4627
8	10.1471	10.0851
9		
10		

		%RSD	HorRat-r
Overall average:	10.3337		
SD of sample avgs:	0.1247	1.21	
repeatability SD:	0.2035	1.97	0.7
between-sample SD:	0	0.00	
reproducibility SD:	0.2035	1.97	
SD used for Analyte z scores:	0.6569		
Check value:	0.19707		

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.
11/13/24	0	0.2782
12/2/24	19	0.2808
12/10/24	27	0.3182
12/16/24	33	0.2984
12/24/24	41	0.2979

Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.6173108
R Square	0.3810726
Adjusted R Squ	0.1747635
Standard Error	0.0146595
Observations	5

ANOVA

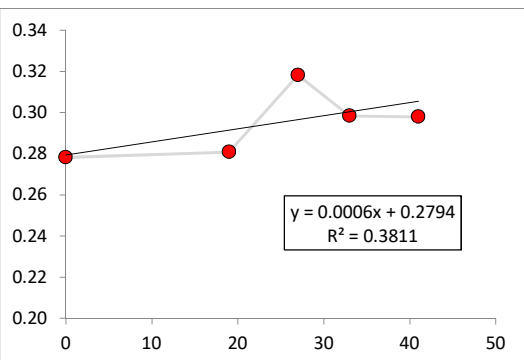
	df	SS	MS	F	Significance F
Regression	1	0.00039694	0.0003969	1.8471	0.26726959
Residual	3	0.0006447	0.0002149		
Total	4	0.00104164			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.2794257	0.01301109	21.475967	0.0002	0.238018622	0.320832807
X Variable 1	0.0006364	0.00046828	1.3590789	0.2673	-0.000853845	0.002126702

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

No significant change in result during testing period.

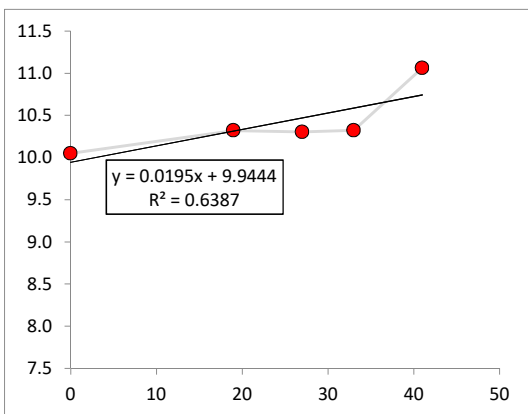
Stability test passed.



%RSD = 5.5 HorRat-R = 1.1

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

Date of Analysis	Days	Conc.
11/13/24	0	10.0498
12/2/24	19	10.3204
12/10/24	27	10.3038
12/16/24	33	10.3240
12/24/24	41	11.0633



Days = x variable, Conc = y variable

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.7991837
R Square	0.6386946
Adjusted R Squ	0.5182594
Standard Error	0.2650291
Observations	5

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.37250071	0.3725007	5.3032	0.104712223
Residual	3	0.21072128	0.0702404		
Total	4	0.58322199			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	9.9443506	0.23522809	42.275353	3E-05	9.195749849	10.69295138
X Variable 1	0.0194962	0.00846604	2.302873	0.1047	-0.007446507	0.046438956

Coefficient for x variable is statistically significantly different from 0.

Significant change in result occurred during testing period.

Stability test did not pass.

%RSD = 3.7 HorRat-R = 1.3