

Homogeneity and Stability

Sample IDHM25NOV2
 Samples shipped 11/11/2025
 Results due date 12/21/2025

Homogeneity

10 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)

Sample #	Replicate 1	Replicate 2
1	0.2733	0.2753
2	0.2666	0.2678
3	0.2797	0.2785
4	0.2876	0.2883
5	0.2850	0.2854
6	0.2692	0.2780
7	0.2787	0.2795
8	0.2791	0.2776
9	0.2795	0.2765
10	0.2755	0.2757

	%RSD	HorRat-r
Overall average:	0.2778	
SD of sample avgs:	0.0059	2.11
repeatability SD:	0.0017	0.63
between-sample SD:	0.0057	2.07
reproducibility SD:	0.0060	2.16

SD used for Analyte z scores: 0.0269
 Check value: 0.0081

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)

Sample #	Replicate 1	Replicate 2
1	11.5866	11.8596
2	11.5360	11.5666
3	11.6533	11.6590
4	12.0034	12.0272
5	12.0121	12.1789
6	11.5050	11.8553
7	11.8464	11.9577
8	11.9185	11.8776
9	11.9323	11.8642
10	11.7988	11.8385

	%RSD	HorRat-r
Overall average:	11.8238	
SD of sample avgs:	0.17023062	1.44
repeatability SD:	0.07909096	0.67
between-sample SD:	0.16078	1.36
reproducibility SD:	0.1791819	1.52

SD used for Analyte z scores: 0.916
 Check value: 0.2748

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.
11/13/25	0	0.2633
12/2/25	19	0.2656
12/10/25	27	0.2687
12/21/25	38	0.2674
1/17/26	65	0.2663

Days = x variable, Conc = y variable
 SUMMARY OUTPUT

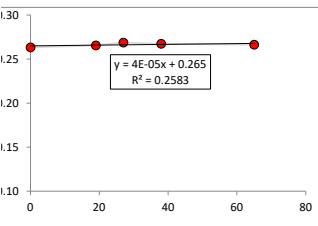
Regression Statistics	
Multiple R	0.5082411
R Square	0.25830902
Adjusted R Square	0.01107869
Standard Error	0.00202032
Observations	5

ANOVA				
	df	SS	MS	F
Regression	1.0000	0.0000	0.0000	1.0448
Residual	3.0000	0.0000	0.0000	
Total	4.0000	0.0000		

	Coefficients	Standard t	t Stat	P-value
Intercept	0.2650	0.0015	171.7896	0.0000
X Variable 1	0.0000	0.0000	1.0222	0.3819

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

%RSD = 0.8 HorRat-R = 0.2



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

Date of Analysis	Days	Conc.
11/13/25	0	11.0477
12/2/25	19	11.0853
12/10/25	27	11.1906
12/16/25	33	11.2317
1/17/26	65	11.1111

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.3383
R Square	0.1144
Adjusted R Square	-0.1808
Standard Error	0.0826
Observations	5

ANOVA					
	df	SS	MS	F	Significance F
Regression	1.0000	0.0026	0.0026	0.3877	0.5777
Residual	3.0000	0.0205	0.0068		
Total	4.0000	0.0231			

	Coefficients	Standard t	t Stat	P-value	Lower 95%	Upper 95%
Intercept	11.102	0.0622	178.493	0.0000	10.904	11.300
X Variable 1	0.0011	0.0017	0.6226	0.5777	-0.0044	0.0066

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

%RSD = 0.7 HorRat-R = 0.2

