

Homogeneity and Stability

Sample ID	HM20SEP-2
Samples shipped	8-Sep-20
Results due date	15-Oct-20

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: 9/9/20

Packet #	Replicate 1	Replicate 2
1	0.3262	0.3340
2	0.3438	0.3403
3	0.3400	0.3388
4	0.3371	0.3438
5	0.3335	0.3400
6	0.3419	0.3430
7	0.3502	0.3478
8	0.3481	0.3494
9	0.3502	0.3432
10	0.3481	0.3448

		%RSD
Overall average:	0.3422	
SD of sample avgs:	0.005914	1.73
repeatability SD:	0.003364	0.98
between-sample SD:	0.00541	1.58
reproducibility SD:	0.006374	1.86
SD used for z scores:	0.0371	
Check value:	0.01113	

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

Is between-sample SD less than check value? YES

Homogeneity test passed

Stability

Sample in one packet 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.
9/9/20	0	0.3365
9/12/20	3	0.3015
9/16/20	7	0.3018
9/20/20	11	0.2920
9/20/20	11	0.2795
9/23/20	14	0.3077
9/26/20	17	0.2880
9/30/20	21	0.2711
10/6/20	27	0.3128
10/6/20	27	0.2882
10/7/20	28	0.2682
10/8/20	29	0.2786
10/13/20	34	0.2981
10/13/20	34	0.3150

SUMMARY OUTPUT

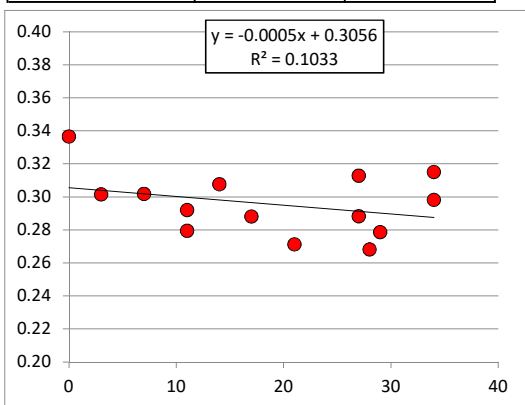
Days = x variable, Conc = y variable

Regression Statistics	
Multiple R	0.321357
R Square	0.1032703
Adjusted R Square	0.0285429
Standard Error	0.0185259
Observations	14

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.0004743	0.000474301	1.381959	0.262564945
Residual	12	0.00411851	0.000343209		
Total	13	0.00459281			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.3056247	0.00982825	31.0965611	7.69E-13	0.284210833	0.327038663
X Variable 1	-0.0005313	0.00045194	-1.17556767	0.262565	-0.00151597	0.000453404



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

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

No significant change in result during testing period.

Stability test passed.