

Homogeneity and Stability

Sample ID	HM20SEP-1
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: 8/25/20

Packet #	Replicate 1	Replicate 2
1	0.1734	0.1743
2	0.1729	0.1709
3	0.1712	0.1697
4	0.1712	0.1705
5	0.1725	0.1705
6	0.1761	0.1725
7	0.1723	0.1727
8	0.1731	0.1708
9	0.1705	0.1730
10	0.1727	0.1728

		%RSD
Overall average:	0.1722	
SD of sample avgs:	0.001223	0.71
repeatability SD:	0.001357	0.79
between-sample SD:	0.00076	0.44
reproducibility SD:	0.001557	0.90
SD used for Analyte z scores:	0.02	
Check value:	0.006	

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	0.1585
9/12/20	3	0.1570
9/16/20	7	0.1681
9/20/20	11	0.1550
9/20/20	11	0.1477
9/23/20	14	0.1534
9/26/20	17	0.1480
9/30/20	21	0.1491
10/6/20	27	0.1758
10/6/20	27	0.1289
10/7/20	28	0.1412
10/8/20	29	0.1396
10/13/20	34	0.1548
10/13/20	34	0.1690

SUMMARY OUTPUT

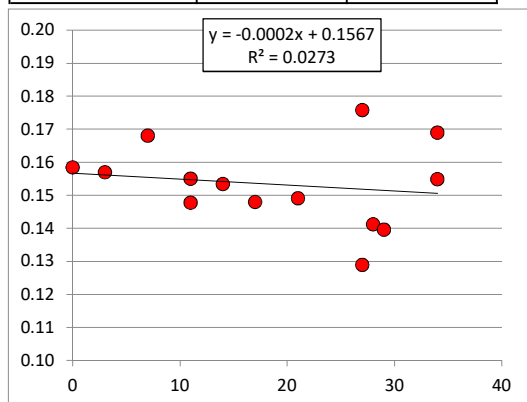
Days = x variable, Conc = y variable

Regression Statistics	
Multiple R	0.1652167
R Square	0.0272966
Adjusted R Square	-0.0537621
Standard Error	0.0128002
Observations	14

ANOVA

	df	SS	MS	F	Significance F
Regression	1	5.5175E-05	5.51746E-05	0.336751	0.572446721
Residual	12	0.00196613	0.000163844		
Total	13	0.0020213			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.1567027	0.00679066	23.07620943	2.61E-11	0.141907139	0.171498298
X Variable 1	-0.0001812	0.00031226	-0.58030243	0.572447	-0.000861557	0.000499148



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.