DREYFUS

UNIT : DRYER/#2

OPERATOR : S. GIVEN

STACK DIAMETER: 60"
NO. OF POINTS: 12
ASSUMED MOISTURE: 30%
PITOT CORR. FACTOR: 0.84

BAR PRESS "Hg : 30.02
PROBE NO.: 6' SS
PROBE SETTING: 250 °F
BOX SETTING: 250 °F

RUN # : 2
NOZZLE DIA. " : .340
METER BOX DHA: 1.941
Y" FACTOR: 0.981

DATE: 1-21-14
START TIME: 0931
END TIME: 1035

PITOT TUBE:
IMPACT : 5.7 "for 15 SEC : ✓
STATIC : 5.1 "for 15 SEC : ✓

METER BOX :
BEFORE: 0.000 cfm @ 15 " of Hg
AFTER: 0.000 cfm @ 8 " of Hg

FILTER NUMBER : 2546
STATIC PRESSURE : -.14

TRAVERSE POINT #	SAMPLING TIME Θ	GAS VOLUME SAMPLED (Vm) ft³	STACK TEMP °F (Ts)	DGM TEMP (Tm)	VELOCITY HEAD (Dp)	ORIFICE PRESS (Dh)	SAMPLE BOX TEMP, °F	TEMP OF LAST IMPINGER	PUMP VACUUM (INCHES of Hg)	F = 1570 x (A x C)/B A = (F.D.A. x Dn²)² B = (F.D.A. + 1.6) x Ts C = (Tm x DHa)
1	0	653.351	163	67	0.17	1.02	249	51	4.0	
2	5	656.145	161	67	0.16	0.96	248	50	4.0	Ts =
3	10	658.930	164	67	0.18	1.08	250	50	4.0	Tm =
4	15	661.785	167	66	0.17	1.01	251	55	4.0	
5	20	664.560	172	66	0.19	1.12	250	57	5.0	
6	25	667.450	172	66	0.17	1.00	252	59	5.0	
7	30	670.209	164	65	0.20	1.19	264	61	5.0	
8	35	673.210	171	65	0.17	1.00	265	57	5.0	
9	40	676.060	172	65	0.18	1.06	254	58	5.0	
10	45	678.900	172	65	0.17	1.00	251	59	5.0	
11	50	681.690	173	65	0.17	1.00	249	59	5.0	
12	4 min final time 55	684.500	167	65	0.20	1.19	251	59	6.0	V.W.C. =
	60	687.504								
	60	34.153								