

DATE 5-11-91

TECHNICIAN *QF*

TOTAL SUSPENDED SOLIDS, ppm
 TOTAL SOLIDS, ppm
 % VOLATILE SOLIDS

1. Also known as VSS (volatile suspended solids).

2. Crucible weights only as applicable, may not be necessary with microwave.

Filter is not used with the Total Solids.

3. Final effluent composite does not use the microwave.

P

SAMPLE 3.	TIME	(S) SAMPLE VOLUME ML or HEIGHT. g/L	(A) HEIGHT OF FILTER (& CRUCIBLE) + DRED RESIDUE - g/L	(B) HEIGHT OF FILTER (& CRUCIBLE) g/L	TSS (TOTAL SUS- PENDED SOLIDS) 6 $\frac{(A-B) \times 10 \text{ cm}}{(S)}$	(C) HEIGHT OF FILTER (& CRUCIBLE) + ASHED 2. SAMPLE g/L	TOTAL SOLIDS 2 6 $\frac{(A-B) \times 10 \text{ cm}}{(S)}$	% VOLATILES 6 $\frac{(A-C) \times 10 \times 100}{(S) \times 1.1 \times TSS}$
Blank	0700		23.0927	23.0928		23.0925		
<i>FE</i> B2 1		12.59	94.3858	94.3489 ⁸⁹	302131	98.94.3555	82.1	
B3		12.07	88.1364	88.0912 ⁹²	3082	88.1054	83.3	
B4		11.13	83.3810	83.3479	2983	83.3534	83.1	(82.8)
B5		13.15	81.0648	81.0245	3065	81.0314	82.8	
Return 2		11.33	88.2508	88.1598	8032			
BLANK			23.9889	23.9891 ⁸⁹				
EFF-1	Sampled @ 0655	1000	105.1008	105.1000	0.8		@ 0700 HR NH ₃ -N PPM	@ 0700 PH
EFF-2		1000	75.9360	75.9349 ⁴⁶	1.4	PRI EFF	22.3	6.63
Sec. EFF		100	23.3597	23.3542 ⁸¹	8	Line 1	24.0	7.02
	Sett Solids					Line 2	23.9	7.07
B2 1	37					Line 3	7.1	6.26
B3	36					Comb INF	23.4	6.73
B4	29							
B5	36							

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TECHNICIAN: JG

PROCEDURE 2-29 ABB

SIDE 372

SAMPLE	TIME	(S) SAMPLE VOLUME ML OR HEIGHT cm	(A) WEIGHT OF FILTER (& CRUCIBLE) # DRYED RESIDUE gm	(B) WEIGHT OF FILTER (& CRUCIBLE) gm	TSS (TOTAL SS- FENDED SOLDS) (A-B) x 10 cm (S)	(C) HEIGHT OF FILTER (& CRUCIBLE) + ASHED 2 SAMPLE gm	TOTAL SOLDS 2 6 (A-B x 10 cm) (S)	P = VOLUME (A-C) x 10 x 100 (S) 11.15
BLANK			24.5655	24.5656	✓	Micro Ammonia Test		
EFF-1	Purified @ 1040	1000	79.4097	79.4092	0.5	Blank	Sample 184.9 55.4	24.8 58.2
EFF-2	↓	1000	75.5384	75.5379	0.5	Blank		58.2
Sec. EFF	↓	100	23.3892	23.3885	7	Control 5 ppm	(3.71 - 0.88) = 3.82	
						Tri. EFF	(3.89 - 0.88) = 3.01	
						Final EFF	(6.39 - 0.88) = 5.51	
Splitting Boxes for Clg Res								
#1	4.41				PH	Color	N-NH3	NO2
#2	4.54				Sec @ 1100	674	0	0.03
					B-2	726	0.2	0.02
Final Eff	Shah				B-3	770	0.2	0.07
Filtered By N. W. W. @ 1000					B-4	758	0.1	0.06
Filtered By Jk @ 1004					B-5	776	0.1	0.06
PH	6.90				Pair		20.3	
Clg Res					L-1		25.6	
200 ml sample					L-2		20.3	
1.99 - 0.04 = 1.95					L-3		4.5	
					Con. Jk		11.7	

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Philip Morris v. ABC

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