

S.V. (242) UN 100 UNLY

DATE PRINTED: 6/22/82

CGR 01, CODE YE-698-D

PROCESSES

APPROVED BY

() YE-698-D (S) FWP 06/22/82

JUN 24 1982

G2H39

5527* LBS.

COMTYF JOB NAME: 01YE698DMS

(DATE)

(LOT)

(EST WGT)

TYPED BY: JMW

EQUIP MENT	NAME: MOLYBDATE ORANGE	USE LBS	N-CODE	ACCT LBS
PREP 1	1/1 OBTAIN FOR S-20	84	108-A ✓	84
	2/1 CALCULATE & SET ON BADGER METER FOR 10.0	92	33-D	60
	3/1 OBTAIN FOR S-28	734	4-A ✓	734
	4/1 OBTAIN FOR S-32	146	3-A ✓	146
	5/1 OBTAIN FOR S-34	237	32-D ✓	237
	6/1 OBTAIN FOR S-38	350	3-A ✓	350
	7/1 OBTAIN FOR S-41	70	711-B ✓	70
351 2	8/1 WEIGH INTO V-351 CHECKED BY: <u>M 209.3839%</u>	4910		1885
359 3	9/1 WEIGH IN. OPTR <u>259</u> , MK <u>37</u> , T- <u>360</u> , <u>26.32%</u> OPTR _____, MK _____, T- _____, _____%	1151	423-D	385 356
SV 4	10/1 RUN 20" (996 G) WATER INTO V- <u>142</u>			
	11/1 RUN IN FROM V-354. OPTR <u>259</u> , MK <u>372</u> , <u>92</u> *F RECORD: G/ML <u>1.318</u> (1.270-1.328) <u>28.82%</u> ✓	1711	41-D	5110
	RECORD: PH <u>1.2</u> (2.2-3.7)			
	12/1 ADJ TO 76" (3625G) AT 67-69°F	1650	57-A	1650
	RECORD: TEMP <u>68</u> *F			
	13/1 STIR 5 MIN & RECORD: PH <u>3.8</u> (2.2-3.7)	2	33-D	1
	14/1 IF NECESSARY, ADJ TO PH 3.0-3.1 ASSUME 60% RECORD: PH <u>3.1</u>			
	NOTE: DILUTE N-7-D 10:1 WITH WATER BEFORE ADDING ASSUME 50%		7-D	
	15/1 RECORD: <u>1.149</u> G/ML (1.142-1.144)			
	NOTE: IF G/ML OUT OF LIMITS FILL OUT CHECK LIST & ATTACH			
	16/1 STIR AT 67-69°F FOR S26. TAKE 1 QT SAMPLE.			
358 5	17/1 RUN 10" (500 G) WATER INTO V-358			
	18/1 RUN V-359 INTO V-351 & PUMP IN V-351			
	19/1 ADJ TO 55" (2600 G)			
	20/1 SIFT IN N-108-A FROM S 1			
	21/1 STIR 5 MIN & RECORD: PH <u>10.0</u> (9.0-10.0)			
	22/1 ADJ TO PH 9.8-9.9 & RECORD: PH <u>9.8</u> ASSUME 50% ASSUME 60%		7-D 33-D	
	23/1 ADD N-33-D FROM S 2 USING BADGER METER			
	24/1 ADJ TO 66" (3121 G) AT 67-69°F RECORD: VOL <u>66</u> " & <u>68</u> *F			
	25/1 STIR 5 MIN & RECORD: PH <u>7.4</u> (7.4-7.6) & G/ML <u>1.082</u> (1.080-1.083) NOTE IF G/ML OUT OF LIMITS FILL OUT CHECK LIST & ATTACH. TAKE 1 QT SAMPLE			

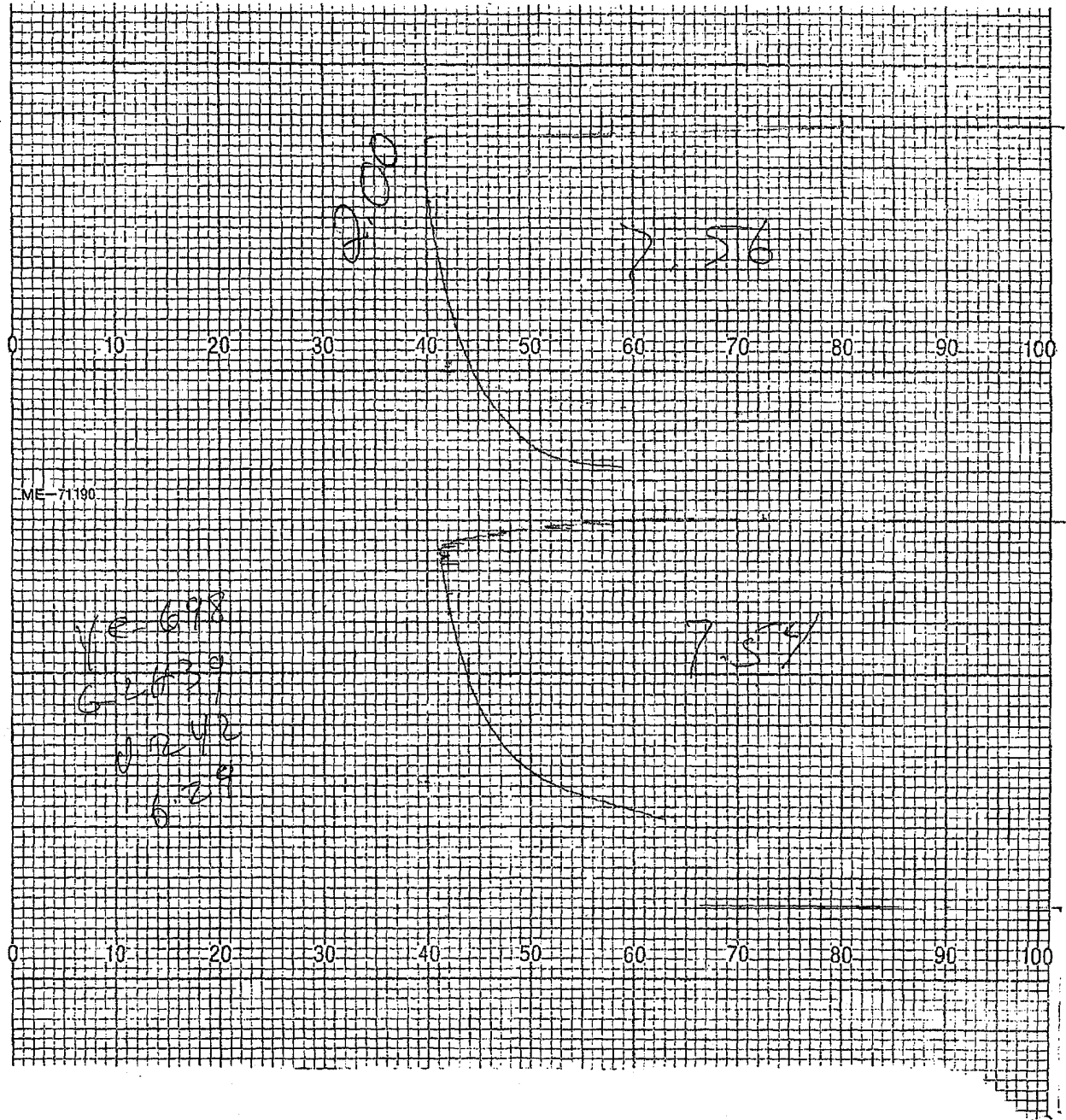
JUN 30 1982

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	26 OBTAIN 1 QT SAMPLES OF S-16 & S-25 SOLUTIONS & TITRATE TWICE RECORD: LOWEST PH <u>2.06</u> & ML N-10-D <u>7.54</u> LOWEST PH <u>2.00</u> & ML N-10-D <u>7.56</u> NOTIFY SUPV IF ML N-10-D IS NOT IN RANGE 7.1-7.4 OR IF THE TWO TITRATIONS DIFFER BY MORE THAN 0.10 ML N-10-D (IF YES, FLUSH ALL EQUIPMENT & REPEAT TITRATIONS) DO NOT PROCEED IF N-10-D TITRATION IS OUT OF RANGE ADJUST V-358 TO OBTAIN A TITRATION PH = 2.05 (2.00-2.10)		33-D 7-D	
SV 6	27 WHEN S-26 TITRATION OK, STRIKE V-358 THRU BOTH UNDERSURFACE DISTRIBUTORS INTO SV IN 16-18 MIN RECORD: START <u>1145</u>, TOTAL MIN <u>18</u> NOTE: STRIKE TIME UP WHEN 1/2 VAT BOTTOM SHOWS & BUBBLES APPEAR IN SIGHT GLASSES 28 IMMEDIATELY DUMP IN N-4-A FROM S 3 & SET TIMER FOR 15 MINUTES 29 DURING S 28, WASH IN V-358 30 STIR 2 MIN & RECORD PH <u>2.2</u> (1.8-2.5) FBXS, <u>+</u> (MUST BE +) 31 STIR TOTAL OF 15 MIN FROM S-28 & RECORD: TEMP <u>73</u> °F (67-73°F) 32 DUMP N-3-A FROM S-4 33 STIR 3 MIN 34 POUR IN N-32-D FROM S-5 35 STIR 2 MIN 36 RUN IN USING BADGER METER. 37 STIR 3 MIN & FLUSH ALUM LINE WITH WATER. 38 DUMP IN N-3 FROM S-6 39 STIR 4 MIN FOR S-43	734	115-D	367
390 7	40 RUN IN USING WEIGHT & FLOW CONTROL PANEL MK _____, <u>29.89</u> % MK _____, _____ % 41 DURING S-39 SIFT N-711-B FROM S-7 INTO V-390 WITH AGITATOR ON IN 1-2 MIN 42 STIR 1-2 MIN TO MILKY SOLUTION	28-D 28-D	105	
SV 8	43 WHEN S-39 COMPLETE, IMMEDIATELY RUN IN N-711-B SOLUTION GRADUALLY OVER 5 MIN PERIOD INTO SV WATCH FOAM!!! IF FOAMING IS EXCESSIVE, STOP UNTIL FOAM SUBSIDES. 44 DUMP IN 45 STIR 10 MIN 46 RECORD: PH <u>5.6</u> (5.8-6.0) 47 IF NECESSARY, ADJ TO PH 5.8-6.0 ASSUME 50% & RECORD: PH <u>5.9</u> ASSUME 66% 48 RECORD: TIME 49 FLOOD TO 153" (7619 G) 50 STOP AGITATOR	330 ✓ 30 33-D	128-A 7-D 33-D	330 15

START	FINISH	OPTR	HELPER
800P	11P	259	499
11Pm	1.15	2.82	

BATCH DELAY. N-41 PH - Too Low



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