

CG 01

CODE YE-698-D

MAY -0.81-E-1439

PROCESSES

APPROVED BY

() YE-698-D (S)

FWP 04/14/81

(DATE)

(LOT NUMBER)

() () () ()

ESTIMATED WGT

5632 LBS.

STANDARD HRS.

COMTYP JOB NAME: 01YE698DMS

TIME _____ M

EQUIP MENT	NAME: MOLYBDATE ORANGE	USE LBS	N-CODE	ACCT LBS
PREP				
1	1 ☒ OBTAIN FOR S-22	84	108-A	84
	2 ☒ WEIGH FOR S 25	65.04%	33-D	60.25
	3 ☒ OBTAIN FOR S-30	734	4-A	734
	4 ☒ OBTAIN FOR S-34	146	3-A	146
	5 ☒ OBTAIN FOR S-36	237	32-D	237
	6 ☒ OBTAIN FOR S-38	367	15-A	367
	7 ☒ OBTAIN FOR S-40	243	3-A	243
	8 ☒ WEIGH IN DRUM FOR S-42 M. 32.0%	219	28-D	70
	9 ☒ OBTAIN FOR S-42	70	711-B	70
351	10 ☒ WEIGH INTO V-351 CHECKED BY: 225M61, 38.1%	4977	10-D	1885
2		137.0		
359	11 ☒ WEIGH INTO V-359 CHECKED 225M51, 35.01%	865	423-D	303
3				
SV	12 ☒ RUN 20" (996 G) WATER INTO V-242			
4	13 ☒ RUN IN FROM V-354 CHECKED BY: 215M514, 29.20%	17440	41-D	5110
	RECORD: G/ML 1.325 (1.270-1.328)			
	RECORD: PH 1.5 (2.2-3.7)			
	14 ☒ ADJ TO 79" (3770G) AT 67-69°F	6	57-A	1980
	RECORD: TEMP _____ °F			
	15 ☒ STIR 5 MIN & RECORD: PH 2.7 (2.2-3.7)			
	16 ☒ IF NECESSARY, ADJ TO PH 3.0-3.1 ASSUME 60%		33-D	
	RECORD: PH 3.0			
	NOTE: DILUTE N-7-D 10:1 WITH WATER BEFORE	4	7-D	2
	ADDING ASSUME 50%			
	17 ☒ RECORD: 1.38 G/ML (1.135-1.138)			
	NOTE: IF G/ML OUT OF LIMITS FILL OUT			
	CHECK LIST & ATTACH			
	18 ☒ STIR AT 67-69°F FOR S 28			
358	19 ☒ RUN 10" (500 G) WATER INTO V-358			
5	20 ☒ RUN V-359 INTO V-351 & PUMP IN V-351			
	21 ☒ ADJ TO 55" (2600 G)			
	22 ☒ SIFT IN N-108-A FROM S 1			
	23 ☒ STIR 5 MIN & RECORD: PH 9.9 (9.0-10.0)			
	24 ☒ ADJ TO PH 9.8-9.9 & RECORD: PH _____			
	ASSUME 50%		7-D	
	ASSUME 60%		33-D	
	25 ☒ ADD N-33-D FROM S 2 (PUMP FROM V-351,			
	FLUSH WITH 1000# WATER)			
	26 ☒ ADJ TO 66" (3121 G) AT 67-69°F			
	RECORD: VOL 66" & 1.2 °F			
	27 ☒ STIR 5 MIN & RECORD: PH 7.5 (7.4-7.6) &			
	G/ML 1.082 (1.080-1.083)			
	NOTE IF G/ML OUT OF LIMITS FILL OUT CHECK			
	LIST & ATTACH			

MAY 21 1981

JMO

28 OBTAIN 1 QT SAMPLES OF S-18 & S-27
SOLUTIONS & TITRATE TWICE
RECORD: LOWEST PH 2.10 & ML N-10-D 2.38
LOWEST PH 2.07 & ML N-10-D 2.36
NOTIFY SUPV IF ML N-10-D IS NOT IN RANGE
6.8-7.1 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 2.10
ADJUST V-358 TO OBTAIN A TITRATION PH = 2.05
(~~2.00-2.10~~) 2.05-2.15

33-D
7-D

SV 29 WHEN S-28 TITRATION OK, STRIKE V-358 THRU
6 BOTH UNDERSURFACE DISTRIBUTORS INTO SV IN
16-18 MIN
RECORD: START 12:36, TOTAL MIN 18
NOTE: STRIKE TIME UP WHEN 1/2 VAT BOTTOM SHOWS
& BUBBLES APPEAR IN SIGHT GLASSES
30 IMMEDIATELY DUMP IN N-4-A FROM S 3 & SET TIMER
FOR 15 MINUTES
31 DURING S 30, WASH IN V-358
32 STIR 2 MIN & RECORD PH 2.1 (1.8-2.5)
PBXS, + (MUST BE +)
33 STIR TOTAL OF 15 MIN FROM S-30 &
RECORD: TEMP 72 °F (67-73°F)
34 DUMP N-3-A FROM S-4
35 STIR 3 MIN
36 POUR IN N-32-D FROM S-5
37 STIR 2 MIN
38 DUMP IN N-15 FROM S-6
39 STIR 3 MIN
40 DUMP IN N-3 FROM S-7
41 STIR 4 MIN FOR S-44

DRUM 42 DURING S-41 SIFT N-711-B FROM S-9 INTO DRUM
7 OF N-28-D FROM S-8 IN 1-2 MIN.
43 STIR 1-2 MIN WITH PADDLE TO MILKY SOLUTION

SV 44 WHEN S-41 COMPLETE, IMMEDIATELY POUR N-711-B
8 SOLUTION GRADUALLY OVER 5 MIN PERIOD INTO SV
WATCH FOAM!!! IF FOAMING IS EXCESSIVE, STOP
POURING UNTIL FOAM SUBSIDES
45 DUMP IN 350
46 STIR 10 MIN 128-A 350
47 RECORD: PH 6.0 (5.8-6.0)
48 IF NECESSARY, ADJ TO PH 5.8-6.0 ASSUME 50%
& RECORD: PH- ASSUME 66%
49 RECORD: TIME 1:35
50 FLOOD TO 153" (7619 G)
51 STOP AGITATOR

START FINISH OPTR HELPER
9:00pm 11:00pm 86 52
11:00pm 1:40pm 126 52