

CG 01 CODE YE-698-D
MAY -0-81-~~6~~1436

PROCESSES

APPROVED BY

() YE-698-D (S)

FWP 04/14/81

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COMTYP JOB NAME: 01YE698DMS

STANDARD HRS. TIME M

(DATE) (LOT NUMBER)

ESTIMATED WGT 5632 LBS.

STANDARD HRS.

TIME M

EQUIP MENT	NAME: MOLYBDATE ORANGE	USE LBS	N-CODE	ACCT LBS
PREP	1 OBTAIN FOR S-22	84	108-A	84
1	2 WEIGH FOR S 25 <i>65.04%</i>	<i>92</i>	33-D	<i>60 35</i>
	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 <i>32.00%</i>	<i>219</i>	28-D	70
	9 OBTAIN FOR S-42	70	711-B	70
351	10 WEIGH INTO V-351 CHECKED BY: <i>259 M 259, 18.4%</i>	<i>4901</i>	10-D	1085
2				
359	11 WEIGH INTO V-359 CHECKED <i>259 M 50, 35.61%</i>	<i>851</i>	423-D	303
3				
SV	12 RUN 20" (996 G) WATER INTO V- <i>243</i>			
4	13 RUN IN FROM V-354 CHECKED BY: <i>M 509, 30.30%</i>	<i>16865</i>	41-D	5110
	RECORD: G/ML <i>1338</i> (1.270-1.328)			
	RECORD: PH <i>2.8</i> (2.2-3.7)			
	14 ADJ TO 79" (3770G) AT 67-69°F			
	RECORD: TEMP <i>68</i> °F	<i>2310</i>	57-A	<i>23 10</i>
	15 STIR 5 MIN & RECORD: PH <i>3.6</i> (2.2-3.7)			
	16 IF NECESSARY, ADJ TO PH 3.0-3.1 ASSUME 60%		33-D	
	RECORD: PH <i>3.0</i>			
	NOTE: DILUTE N-7-D 10:1 WITH WATER BEFORE			
	ADDING ASSUME 50%		7-D	
	17 RECORD: <i>1136</i> 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 <i>9.6</i> (9.0-10.0)			
	24 ADJ TO PH 9.8-9.9 & RECORD: PH <i>9.8</i>			
	ASSUME 50%	<i>2</i>	7-D	<i>1</i>
	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 <i>66</i> " & <i>69</i> °F			
	27 STIR 5 MIN & RECORD: PH <i>7.4</i> (7.4-7.6) &			
	G/ML <i>1.082</i> (1.080-1.083)			
	NOTE IF G/ML OUT OF LIMITS FILL OUT CHECK			
	LIST & ATTACH			

MAY 20 1981

	28	OBTAIN 1 QT SAMPLES OF S-18 & S-27 SOLUTIONS & TITRATE TWICE RECORD: LOWEST PH <u>2.05</u> & ML N-10-D <u>7.18</u> LOWEST PH <u>2.10</u> & ML N-10-D <u>7.12</u> 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 ADJUST V-358 TO OBTAIN A TITRATION PH = <u>2.10</u> (2.00-2.10) (2.05-2.15)				
SV 6	29	WHEN S-28 TITRATION OK, STRIKE V-358 THRU BOTH UNDERSURFACE DISTRIBUTORS INTO SV IN 16-18 MIN RECORD: START <u>4:20 A</u> , TOTAL MIN <u>17</u> 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 <u>2.1</u> (1.8-2.5) PBXS, <u>+</u> (MUST BE +)				
	33	STIR TOTAL OF 15 MIN FROM S-30 & RECORD: TEMP <u>22</u> *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 7	42	DURING S-41 SIFT N-711-B FROM S-9 INTO DRUM OF N-28-D FROM S-8 IN 1-2 MIN.				
	43	STIR 1-2 MIN WITH PADDLE TO MILKY SOLUTION				
SV 8	44	WHEN S-41 COMPLETE, IMMEDIATELY POUR N-711-B SOLUTION GRADUALLY OVER 5 MIN PERIOD INTO SV WATCH FOAM!!! IF FOAMING IS EXCESSIVE, STOP POURING UNTIL FOAM SUBSIDES				
	45	DUMP IN	350	128-A	350	
	46	STIR 10 MIN				
	47	RECORD: PH <u>5.8</u> (5.8-6.0)				
	48	IF NECESSARY, ADJ TO PH 5.8-6.0 & RECORD: PH <u>5.8 A</u>				
	49	RECORD: TIME <u>5:20 A</u>				
	50	FLOOD TO 153" (7619 G)				
	51	STOP AGITATOR				

START	FINISH	OPTR	HELPER
9:45 P.M.	5:30 A.	86	67
1230 A	530 A	259	267