

S.V. 240, 241, 242, 245, 246

CG 01 CODE YC-016-B PQ 93

MAY -0.81-E1237

DATE: LOT:

ESTIMATED WEIGHT: 3130#

ICE

Red
FF

PROCESSES

APPROVED BY

(A) YC-016-B () FWP 03/13/81

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COMTYP JOB NAME: 01YC016BMA

EQUIP MENT	NAME: MOLYBDATE ORANGE	USE LBS	N-CODE	ACCT LBS
PREP				
1	WEIGH FOR S 35	90	3-A	90
2	WEIGH FOR S-43	80	3-A	80
3	WEIGH IN DRUM FOR S-39	145	32-D	145
4	WEIGH FOR S-29	250	4-A	250
5	WEIGH IN PAILS FOR S-30	69	28-D	22
6	WEIGH FOR S-41	225	15-A	225
356	7 RUN 25" (451 G) WATER INTO V-356			
2	8 TURN ON AGITATOR AND STEAM			
	9 WEIGH AND SIFT IN	270	131-B	270
	10 HEAT TO AND MAINTAIN 60-66* C FOR S 37			
359	11 WEIGH IN OPTR 54, MK 48, 38.15%	490	423-D	38
3	OPTR, MK, %			187
351	12 WEIGH IN OPTR 54, MK 236, 38.05%	3049	10-D	1
4	OPTR, MK, %			1160
4	13 RUN IN V-359			
358	14 RUN 10" (473 G) WATER INTO V-358			
5	15 PUMP V-351 INTO V-358			
	16 ADJ TO 68" (3216 G) AT 67-69*F. RECORD: 68			
	17 STIR 3 MIN. RECORD: 67 *F & PH 9.6			
	18 IF NECESSARY, ADJ TO PH 9.8-9.9 ASSUME 50%	2	7-D	1
	RECORD: PH 9.8 ASSUME 66%		33-D	
	19 RECORD: G/ML 1.047 (1.044-1.047)			
SV	20 RUN 40" (1908 G) WATER INTO V- 242			
6	21 RUN IN FROM V-354			
	OPTR 54, MK 461, 29.70%	10259	41-D	3047
	OPTR, MK, %			
66	22 ADJ TO 3148 G AT 67-69*F (64" IN V-240 & V-246; 66" IN V-241, V-242, & V-245)			
	23 STIR 3 MIN RECORD: 68 *F	3X339	57-A	990
	24 RECORD: PH 3.3 (2.8-3.6)			
	25 ADJ TO PH 4.0-4.1 ASSUME 66%	3	33-D	2
	RECORD: PH 4.1 & VOL 66" ASSUME 50%	7	7-D	2
	NOTE: DILUTE N-7-D 10:1 WITH WATER			
	26 RECORD: G/ML 1.047 (1.097-1.100)			
	27 OBTAIN 1 QT SAMPLES OF S-19 & S-26			
	SOLUTIONS & TITRATE TWICE			
	RECORD: LOWEST PH 2.90 & ML N-10-D 8.22			
	LOWEST PH 2.82 & ML N-10-D 8.22			
	NOTIFY SUPV IF ML N-10-D IS NOT IN RANGE			
	8.0-8.6 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			

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EQUIP MENT	PAGE 02 OF 2 CG 01 CODE YC-016-B	USE LBS	N-CODE	ACCT LBS
	28 RUN V-358 AT 67-69°F THRU BOTH UNDERSURFACE DISTRIBUTORS INTO SV AT 67-69°F IN 17-19 MIN			
	RECORD: START <u>1:35/P</u> M & TOTAL MIN <u>19</u>			
	NOTE: V-358 STRIKE TIME UP WHEN 1/2 VAT BOTTOM SHOWS MT			
SV	29 WHEN S 28 COMPLETED AND BEFORE WASHING IN V-358, DUMP IN N-4-A FROM S-4			
6	30 IMMEDIATELY POUR IN N-28-D FROM S 5			
(CONT)	31 DURING S'S 29 AND 30 (IF ALONE, AFTER S'S 29 & 30) WASH IN V-358			
	32 STIR 2 MIN			
	33 RECORD: PH <u>2.4</u> (2.2-2.5) & PB XS <u>+</u> (+)			
	34 STIR TOTAL OF 15 MIN FROM COMPLETION OF S 28 RECORD: START <u>1:54</u> TOTAL MIN <u>15</u>			
	35 DUMP IN N-3-A FROM S 1			
	36 STIR 3 MIN			
	37 RUN IN N-131-B FROM S 3 IN 7 MIN			
	38 STIR 3 MIN			
	39 POUR IN N-983-D FROM S-3			
	40 STIR 2 MIN			
	41 DUMP IN N-15-A FROM S 6			
	42 STIR 3 MIN			
	43 DUMP IN N-3-A FROM S 2			
	44 STIR 3 MIN			
	45 RECORD: PH <u>6.0</u> (5.8-6.0)			
	46 IF NECESSARY, ADJ TO PH 5.8-6.0 ASSUME 50%		7-D	
	RECORD: PH _____ ASSUME 66%		33-D	
	47 FLOOD TO 153" (7298 G)			
	48 STOP AGITATOR			
START <u>10:34/AM</u> FINISH <u>2:40/PM</u> OPTR <u>52-267</u>				