

CG 01 CODE YC-016-B PQ 93

PROCESSES

APPROVED BY

DATE: MAY -0-81-1232

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

LOT:

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ESTIMATED WEIGHT: 3130#

COMTYP JOB NAME: 01YC016BMA

EQUIP MENT	NAME: MOLYBDATE ORANGE	USE LBS	N-CODE	ACCT LBS
PREP				
1	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	225	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 37-360			
359	11 WEIGH IN OPTR 69, MK 46, 34-39%	544	423-D	187
3	OPTR , MK , %			
351	12 WEIGH IN OPTR 69, MK , 37.77%	3071	10-D	1160
4	OPTR , MK , %			
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: 69 *F & PH 9.5			
	18 IF NECESSARY, ADJ TO PH 9.8-9.9 ASSUME 50% RECORD: PH 9.85	3	7-D	2
	19 RECORD: G/ML 1.047 (1.044-1.047) ASSUME 66%		33-D	
SV	20 RUN 40" (1908 G) WATER INTO V-245			
6	21 RUN IN FROM V-354			
	OPTR 69, MK 454, 28.89%	10542	41-D	3047
	OPTR , MK , %			
	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: 69 *F	990	57-A	990
	24 RECORD: PH 2.6 (2.8-3.6)			
	25 ADJ TO PH 4.0-4.1 ASSUME 66% RECORD: PH 4.0 & VOL 67" ASSUME 50%		33-D	
	NOTE: DILUTE N-7-D 10:1 WITH WATER		7-D	2
	26 RECORD: G/ML 1.097 (1.097-1.100)			
	27 OBTAIN 1 QT SAMPLES OF S-19 & S-26 SOLUTIONS & TITRATE TWICE			
	RECORD: LOWEST PH 2.02 & ML N-10-D 2.98			
	LOWEST PH 2.01 & ML N-10-D			
	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			

EQUIP MENT		PAGE 02 OF 2 CG 01 CODE YC-016-B	USE LBS	N-CODE	ASCT 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>8:40 A</u> M & TOTAL MIN <u>181</u>			
		NOTE: V-358 STRIKE TIME UP WHEN 1/2 VAT BOTTOM SHOWS HT			
SV 6 (CONT)	29	WHEN S 28 COMPLETED AND BEFORE WASHING IN V-358, DUMP IN N-4-A FROM S-4			
	30	IMMEDIATELY POUR IN N-28-D FROM S 5			
	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>2.22.2.2.5</u> & PB XS <u>1.1.1.1.1</u>			
	34	STIR TOTAL OF 15 MIN FROM COMPLETION OF S 28 RECORD: START <u>2.20</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 <u>6.0</u> ASSUME 66%		33-D	
	47	FLOOD TO 153" (7298 G)			
	48	STOP AGITATOR			
		START <u>3:00 AM</u> FINISH <u>7:00 AM</u> OTR <u>86-68</u>			
		<u>2:00 AM</u> <u>9:40 AM</u> <u>409-52</u>			