

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

CG 01 CODE YC-016-B PQ 93

DATE: MAY -0-81 E-1230

ESTIMATED WEIGHT: 3130#

PROCESSES

(A) YC-016-B ()
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APPROVED BY

FWP 03/13/81

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 2	7	RUN 25" (451 G) WATER INTO V-356			
	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 3	11	WEIGH IN OPTR _____, MK 46.3439%	544	423-D	274
		✓ 360 OPTR _____, MK _____%			187
351 4	12	WEIGH IN OPTR _____, MK 230.3784%	3066	10-D	1160
		OPTR _____, MK _____%			
4	13	RUN IN V-359			
358 5	14	RUN 10" (473 G) WATER INTO V-358			
	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 1.044-1.047)			
SV 6	20	RUN 40" (1908 G) WATER INTO V-245			
	21	RUN IN FROM V-354			
		OPTR _____, MK 451.2861%	10650	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: 19*F x 330		57-A	660
	24	RECORD: PH 3.5 (2.8-3.6)			
	25	ADJ TO PH 4.0-4.1 ASSUME 66%		33-D	
		RECORD: PH 4.1 & VOL 66" ASSUME 50%	2	7-D	1
	26	NOTE: DILUTE N-7-D 10:1 WITH WATER			
		RECORD: G/ML 1.099 (1.097-1.100)			
	27	OBTAIN 1 QT SAMPLES OF S-19 & S-26 SOLUTIONS & TITRATE TWICE			
		RECORD: LOWEST PH _____ & ML N-10-D _____			
		LOWEST PH _____ & 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			

PROCEED TO PAGE 2

MAKING INSTRUCTIONS: BATCH UNIT

EQUIP MENT	PAGE 02 OF 2 CG 01 CODE YC-016-B	USE LBS	N-CODE	ACCT LBS
128	RUN V-358 AT 67-69°F THRU BOTH UNDERSURFACE DISTRIBUTORS INTO SV AT 67-69°F IN 17-19 MIN			
	RECORD: START <u>8:45 PM</u> & 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 (CONT) 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>2.5</u> (2.2-2.5) & PB XS <u>+</u> (+)			
34	STIR TOTAL OF 15 MIN FROM COMPLETION OF S 28 RECORD: START <u>9:15</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		33-D	
47	FLOOD TO 153" (7298 G)			
48	STOP AGITATOR			
START <u>4:30 PM</u> FINISH <u>9:45 PM</u> OPTR <u>237-58</u>				