

CG 01 CODE YC-016-B PQ 93

PROCESSES APPROVED BY
(A) YC-016-B () FWP 10/28/81

DATE JUN 2 1982

LOT.

F2H89

ESTIMATED WEIGHT: 3098* LBS.

Used 2 1/2 of soln' from V-213
COMTYP JOB NAME: 01YC0168MA

EQUIP MENT	NAME: MOLYBDATE ORANGE	USE LBS	N-CODE (RMCON)	ACCT LBS
PREP				
1	WEIGH FOR S 33	90	3-A	90
1	WEIGH FOR S-41	80	3-A	80
1	WEIGH IN DRUM FOR S-37	145	32-D	145
1	WEIGH FOR S-27	250	4-A	250
356				
2	5 RUN 25" (451 G) WATER INTO V-356			
	6 TURN ON AGITATOR AND STEAM			
	7 WEIGH AND SIFT IN	270	131-B	270
	8 HEAT TO AND MAINTAIN 60-66* C FOR S 35			
359				
3	9 WEIGH IN. OPTR 126, MK 31, T-283, 31.10 %	486	423-D	214
	OPTR , MK 33, T-260, 31.92 %	194		236
	7360 31.92	69		84
351				
4	10 WEIGH IN OPTR 114, MK 173, 32.91 %	2483	10-D	1141
4	OPTR 126, MK 177, 32.84 %	523		236
	mk 177 32.84	111		
358				
5	12 RUN 10" (473 G) WATER INTO V-358			
	13 PUMP V-351 INTO V-358			
	14 ADJ TO 68" (3216 G) AT 67-69*F. RECORD: 69"			
	15 STIR 3 MIN. RECORD: 69*F & PH 9.8			
	16 IF NECESSARY, ADJ TO PH 9.8-9.9 ASSUME 50%		7-D	
	RECORD: PH ASSUME 66%		33-D	
	17 RECORD: G/ML 10.47 (1.044-1.047)			
SV				
6	18 RUN 40" (1908 G) WATER INTO V-241			
	19 RUN IN FROM V-354			
	OPTR 126, MK 321, 90 *F, 28.12 %	10836	41-D	3047
	OPTR , MK , *F, %	1		
	20 ADJ TO 3148 G AT 67-69*F (64" IN V-240 & V-246; 66" IN V-241, V-242, & V-245)			
	21 STIR 3 MIN RECORD: *F		57-A	
	22 RECORD: PH 1.6 (2.8-3.6)			
	23 ADJ TO PH 4.0-4.1 ASSUME 66%		33-D	
	RECORD: PH 4.1 & VOL 66 ASSUME 50%	20	7-D	10
	NOTE: DILUTE N-7-D 10:1 WITH WATER			
	24 RECORD: G/ML 10.97 (1.097-1.100)			
	25 OBTAIN 1 QT SAMPLES OF S-17 & S-24			
	SOLUTIONS & TITRATE TWICE			
	RECORD: LOWEST PH 3.07 & ML N-10-D 1.04			
	LOWEST PH 3.13 & ML N-10-D 1.05			
	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

Striking when Hank relieved JTN.
Titrations OK.

CM

N37643

MAKING INSTRUCTIONS: BATCH UNIT

EQUIP MENT	PAGE 02 OF 2 CG 01 CODE YC-016-B	USE LBS	N-CODE	ACCT LBS
26	RUN V-358 AT 67-69°F THRU BOTH UNDERSURFACE DISTRIBUTORS INTO SV AT 67-69°F IN 17-19 MIN			
	RECORD: START <u>2:55 P</u> M & TOTAL MIN <u>19</u> NOTE: V-358 STRIKE TIME UP WHEN 1/2 VAT BOTTOM SHOWS MT			
SV 6	27 WHEN S 26 COMPLETED AND BEFORE WASHING IN V-358, DUMP IN N-4-A FROM S-4			
(CONT)	28 RUN IN USING WEIGHT AND FLOW CONTROL PANEL OPTR <u>126</u> , MK <u>1</u> , <u>29.89</u> % OPTR _____, MK _____, _____%	<u>74</u>	28-D 28-D	22
	29 DURING S'S 27 AND 28 (IF ALONE, AFTER S'S 27 & 28) WASH IN V-358			
	30 STIR 2 MIN			
	31 RECORD: PH <u>1.8</u> (2.2-2.5) & PB XS _____ (+)			
	32 STIR TOTAL OF 15 MIN FROM COMPLETION OF S 26 RECORD: START <u>3:14</u> TOTAL MIN <u>15</u>			
	33 DUMP IN N-3-A FROM S 1			
	34 STIR 3 MIN			
	35 RUN IN N-131-B FROM S 3 IN 7 MIN			
	36 STIR 3 MIN			
	37 POUR IN N-32-D FROM S-3			
	38 STIR 2 MIN			
	39 RUN IN USING BADGER METER	450	115-A	225
	40 STIR 3-MIN & FLUSH ALUM LINES WITH WATER			
	41 DUMP IN N-3-A FROM S 2			
	42 STIR 3 MIN			
	43 RECORD: PH <u>5.9</u> (5.8-6.0)			
	44 IF NECESSARY, ADJ TO PH 5.8-6.0 ASSUME 50% RECORD: PH <u>✓</u> ASSUME 66%		7-D 33-D	
	45 FLOOD TO 153" (7298 G)			
	46 STOP AGITATOR			

START 2:55 P FINISH 3:00 P OPTR 126-27
3:00 PM 3:10 PM 86-

Delayed + 4 hrs.
writing for sample
ANALYSIS of N-10 +
N-423 from V-283