

CG 01 CODE YC-016-B PQ 93

PROCESSES

APPROVED BY

DATE: _____

LOT: E1336

(A) YC-017-B ()

FWP 05/08/81

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ESTIMATED WEIGHT: 3130#

COMTYP JOB NAME: 01YC017BMA

EQUIP MENT	NAME: MOLYBDATE ORANGE	USE LBS	N-CODE (RMCON)	ACCT LBS
PREP				
1	1 WEIGH FOR S-36	90	3-A	90
	2 WEIGH FOR S-44	80	3-A	80
	3 WEIGH IN DRUM FOR S-40	145	32-D	145
	4 WEIGH FOR S-30	250	4-A	250
	5 WEIGH IN PAILS FOR S-31	225	28-D	22
	6 WEIGH FOR S-42	13	15-A	225
	7 DISSOLVE IN 20 GAL WATER AT 100-110°F IN DRUM FOR S-48	2	978-A 979-A	13 2
356	8 RUN 25" (451 G) WATER INTO V-356			
2	9 TURN ON AGITATOR AND STEAM			
	10 WEIGH AND SIFT IN	270	131-B	270
	11 HEAT TO AND MAINTAIN 60-66° C FOR S-38			
359	12 WEIGH IN OPTR <u>145</u> , MK <u>48</u> , <u>38.15%</u>	<u>490</u>	423-D	<u>214</u>
3	OPTR _____, MK _____, _____%			<u>187</u>
351	13 WEIGH IN OPTR <u>145</u> , MK <u>240</u> , <u>37.91%</u>	<u>3060</u>	10-D	<u>444</u>
4	OPTR _____, MK _____, _____%			<u>1160</u>
4	14 RUN IN V-359			
358	15 RUN 10" (473 G) WATER INTO V-358			
5	16 PUMP V-351 INTO V-358			
	17 ADJ TO 68" (3216 G) AT 67-69°F. RECORD: <u>68</u>			
	18 STIR 3 MIN. RECORD: <u>69</u> °F & PH <u>9.5</u>			
	19 IF NECESSARY, ADJ TO PH 9.8-9.9 ASSUME 50%	<u>10</u>	7-D	<u>5</u>
	RECORD: PH <u>9.8</u> ASSUME 66%		33-D	
	20 RECORD: G/ML <u>1.047</u> (1.044-1.047)			
SV	21 RUN 40" (1908 G) WATER INTO V- <u>245</u>			
6	22 RUN IN FROM V-354			
	OPTR <u>145</u> , MK <u>469</u> , <u>28.87%</u>	<u>10573</u>	41-D	3047
	OPTR _____, MK _____, _____%			
	23 ADJ TO 3148 G AT 67-69°F (64" IN V-240 & V-246, 66" IN V-241, V-242, & V-245)			
	24 STIR 3 MIN RECORD: <u>69</u> °F	<u>660</u>	57-A	<u>660</u>
	25 RECORD: PH <u>2.7</u> (2.8-3.6)			
	26 ADJ TO PH 4.0-4.1 ASSUME 66%		33-D	
	RECORD: PH <u>4.1</u> & VOL <u>66</u> " ASSUME 50%	<u>10</u>	7-D	<u>5</u>
	NOTE: DILUTE N-7-D 10:1 WITH WATER			
	27 RECORD: G/ML <u>1.098</u> (1.097-1.100)			
	28 OBTAIN 1 QT SAMPLES OF S-20 & S-27			
	SOLUTIONS & TITRATE TWICE			
	RECORD: LOWEST PH <u>2.87</u> & ML N-10-D <u>8.19</u>			
	LOWEST PH <u>2.86</u> & ML N-10-D <u>8.19</u>			
	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			

MAKING INSTRUCTIONS: BATCH UNIT

EQUIP MENT		PAGE 02 OF 2 CG 01 CODE YC-016-B	USE LBS	N-CODE	ACCT LBS
	27	RUN V-358 AT 67-69°F THRU BOTH UNDERSURFACE DISTRIBUTORS INTO SV AT 67-69°F IN 17-19 MIN			
		RECORD: START <u>10:30 AM</u> & TOTAL MIN <u>19</u> NOTE: V-358 STRIKE TIME UP WHEN 1/2 VAT BOTTOM SHOWS MT			
SV 6 (CONT)	30	WHEN S 29 COMPLETED AND BEFORE WASHING IN V-358, DUMP IN N-4-A FROM S-4			
	31	IMMEDIATELY POUR IN N-28-D FROM S 5			
	32	DURING S'S 30 AND 31 (IF ALONE, AFTER S'S 30 & 31) WASH IN V-358			
	33	STIR 2 MIN			
	34	RECORD: PH <u>2.5</u> (2.2-2.5) & PB XS <u>+</u> (+)			
	35	STIR TOTAL OF 15 MIN FROM COMPLETION OF S 29 RECORD: START <u>10:45 AM</u> TOTAL MIN <u>7.5</u>			
	36	DUMP IN N-3-A FROM S 1			
	37	STIR 3 MIN			
	38	RUN IN N-131-B FROM S 3 IN 7 MIN			
	39	STIR 3 MIN			
	40	POUR IN N-983-D FROM S-3			
	41	STIR 2 MIN			
	42	DUMP IN N-15-A FROM S 4			
	43	STIR 3 MIN			
	44	DUMP IN N-3-A FROM S 2			
	45	STIR 3 MIN			
	46	RECORD: PH <u>6.0</u> (5.8-6.0)			
	47	IF NECESSARY, ADJ TO PH 5.8-6.0 ASSUME 50% RECORD: PH <u>6</u> ASSUME 66%		7-D 33-D	
	48	POUR IN N-978/979-A FROM S-7			
	49	STIR 10 MIN			
	50	FLOOD TO 153° (7298 G)			
	51	STOP AGITATOR			
		START <u>7:00 AM</u> FINISH <u>11:40 AM</u> DTTR <u>86-145</u>			