

CG 01 CODE YC-016-B PQ 93

PROCESSES

APPROVED BY

DATE: _____

LOT: E1338

(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-DE (RISON)	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 <u>32.00</u> %	<u>69</u>	28-D	22
	6 WEIGH FOR S-42	225	15-A	225
	7 DISSOLVE IN 20 GAL WATER AT 100-110°F IN DRUM FOR S-48	13	978-A	13
		2	979-A	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 _____, MK <u>48</u> , <u>38.15</u> %	<u>490</u>	423-D	<u>214</u>
3	V-360 OPTR _____, MK _____, _____ %			<u>187</u>
351	13 WEIGH IN OPTR _____, MK <u>241</u> , <u>38.18</u> %	<u>3038</u>	10-D	<u>1141</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>67</u> °F & PH <u>9.2</u>			
	19 IF NECESSARY, ADJ TO PH 9.8-9.9 ASSUME 50% RECORD: PH <u>9.8</u> ASSUME 66%	<u>2</u>	7-D	<u>1</u>
	20 RECORD: G/ML <u>1.077</u> (1.044-1.047)	<u>2</u>	33-D	<u>1</u>
SV	21 RUN 40" (1908 G) WATER INTO V- <u>242</u>			
6	22 RUN IN FROM V-354			
	OPTR _____, MK <u>475</u> , <u>27.41</u> %	<u>11116</u>	41-D	3047
	OPTR _____, MK _____, _____ %			
	23 ADJ TO 3148 G AT 67-69°F (64" IN V-240 & V-246, <u>66</u> " IN V-241, V-242, & V-245)			
	24 STIR 3 MIN RECORD: <u>68</u> °F	<u>5X330</u>	57-A	<u>1650</u>
	25 RECORD: PH <u>3.0</u> (2.8-3.6)			
	26 ADJ TO PH 4.0-4.1 ASSUME 66% RECORD: PH <u>4.0</u> & VOL <u>66</u> ASSUME 50%	<u>2</u>	33-D	<u>1</u>
	NOTE: DILUTE N-7-D 10:1 WITH WATER		7-D	<u>1</u>
	27 RECORD: G/ML <u>1.100</u> (1.097-1.100)			
	28 OBTAIN 1 QT SAMPLES OF S-20 & S-27 SOLUTIONS & TITRATE TWICE			
	RECORD: LOWEST PH <u>3.0</u> & ML N-10-D <u>2.34</u>			
	LOWEST PH <u>3.99</u> & ML N-10-D <u>2.33</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	N-CODE	ACCT
					LBS		LBS

RUN V-358 AT 67-69°F THRU BOTH UNDERSURFACE DISTRIBUTORS INTO SV AT 67-69°F IN 17-19 MIN

RECORD: START 7:40 AM & TOTAL MIN 2.0

NOTE: V-358 STRIKE TIME UP WHEN 1/2 VAT

BOTTOM SHOWS MT

WHEN S 29 COMPLETED AND BEFORE WASHING IN

V-358, DUMP IN N-4-A FROM S-4

IMMEDIATELY POUR IN N-28-D FROM S 5

DURING S'S 30 AND 31 (IF ALONE, AFTER S'S

30 & 31) WASH IN V-358

STIR 2 MIN

RECORD: PH 2.7 (2.2-2.5) & PB XS T (+)

STIR TOTAL OF 15 MIN FROM COMPLETION OF

S 29 RECORD: START 5:44 TOTAL MIN 1.5

DUMP IN N-3-A FROM S 1

STIR 3 MIN

RUN IN N-131-B FROM S 3 IN 7 MIN

STIR 3 MIN

POUR IN N-983-D FROM S-3

STIR 2 MIN

DUMP IN N-15-A FROM S 6

STIR 3 MIN

DUMP IN N-3-A FROM S 2

STIR 3 MIN

RECORD: PH 6.0 (5.8-6.0)

IF NECESSARY, ADJ TO PH 5.8-6.0 ASSUME 50%

RECORD: PH 6.0 ASSUME 66%

POUR IN N-978/979-A FROM S-7

STIR 10 MIN

FLOOD TO 153° (7298 G)

STOP AGITATOR

START 4:00 PM

FINISH 6:00 PM

OPTR 237-58

33-D

7-D