

CG 01 CODE YC-016-B PQ 93

PROCESSES

APPROVED BY

DATE: MAY -0-81 E-1340

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

( ) ( )

( ) ( )

ESTIMATED WEIGHT: 3130#

COMTYP JOB NAME: 01YC016BMA

| EQUIP<br>MENT | NAME: MOLYBDATE ORANGE                                                           | USE<br>LBS | N-CODE | ACCT<br>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                                        |            |        |             |
| 359           | 11 WEIGH IN OPTR 69, MK 48, 38.15%                                               | 440        | 423-D  | 241         |
| 3             | OPTR, MK, %                                                                      |            |        | 187         |
| 351           | 12 WEIGH IN OPTR 69, MK 241, 38.18%                                              | 3018       | 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 9.1                                            |            |        |             |
|               | 18 IF NECESSARY, ADJ TO PH 9.8-9.9 ASSUME 50%                                    | 10         | 7-D    | 5           |
|               | RECORD: PH 9.9 ASSUME 66%                                                        |            | 33-D   |             |
|               | 19 RECORD: G/ML 1.047 (1.044-1.047)                                              |            |        |             |
| SV            | 20 RUN 40" (1908 G) WATER INTO V-245                                             |            |        |             |
| 6             | 21 RUN IN FROM V-354                                                             |            |        |             |
|               | OPTR 69, MK 477, 26.62%                                                          | 11446      | 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                                                      | 1320       | 57-A   | 7320        |
|               | 24 RECORD: PH 2.7 (2.8-3.6)                                                      |            |        |             |
|               | 25 ADJ TO PH 4.0-4.1 ASSUME 66%                                                  |            | 33-D   |             |
|               | RECORD: PH 4.1 & VOL 66 ASSUME 50%                                               | 10         | 7-D    | 5           |
|               | NOTE: DILUTE N-7-D 10:1 WITH WATER                                               |            |        |             |
|               | 26 RECORD: G/ML 1.098 (1.097-1.100)                                              |            |        |             |
|               | 27 OBTAIN 1 QT SAMPLES OF S-19 & S-26                                            |            |        |             |
|               | SOLUTIONS & TITRATE TWICE                                                        |            |        |             |
|               | RECORD: LOWEST PH 3.02 & ML N-10-D 8.24                                          |            |        |             |
|               | LOWEST PH 2.0 & ML N-10-D 8.25                                                   |            |        |             |
|               | 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                                                                         |            |        |             |

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