

S.V. 258, ~~259~~, ~~260~~, ~~261~~, ~~262~~

DATE PRINTED: 1/25/82

CG 01 CODE YC-016-B PQ 93

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

DATE: JUL 21 1982 LOT: G2J22

ESTIMATED WEIGHT: 3098\* LBS.

COMTYP JOB NAME: 01YC016BMB

| EQUIP<br>MENT | NAME: MOLYBDATE ORANGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | USE<br>LBS             | N-CODE<br>(RMCON)           | ACCT<br>LBS            |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------------|------------------------|
| PREP<br>1     | 1 WEIGH FOR S 33<br>2 WEIGH FOR S-41<br>3 WEIGH IN DRUM FOR S-37<br>4 WEIGH FOR S-27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 90<br>80<br>145<br>250 | 3-A<br>3-A<br>32-D<br>4-A   | 90<br>80<br>145<br>250 |
| 356<br>2      | 5 RUN 25* (451 G) WATER INTO V-356<br>6 TURN ON AGITATOR AND STEAM<br>7 WEIGH AND SIFT IN<br>8 HEAT TO AND MAINTAIN 60-66* C FOR S 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 270                    | 131-B                       | 270                    |
| 359<br>3      | 9 WEIGH IN. OPTR _____, MK _____, T-360, 34.36%<br>OPTR _____, MK _____, T-_____, _____%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 556                    | 423-D                       | 191                    |
| 351<br>4<br>4 | 10 WEIGH IN OPTR _____, MK-23, 38.25%<br>OPTR _____, MK _____, _____%<br>11 RUN IN V-359                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3,020                  | 10-D                        | 1155                   |
| 358<br>5      | 12 RUN 10* (473 G) WATER INTO V-358<br>13 PUMP V-351 INTO V-358<br>14 ADJ TO 68* (3216 G) AT 67-69*F. RECORD: 68<br>15 STIR 3 MIN. RECORD: 67 *F & PH 7.8<br>16 IF NECESSARY, ADJ TO PH 9.8-9.9 ASSUME 50%<br>RECORD: PH _____ ASSUME 66%<br>17 RECORD: G/ML 1.097 (1.044-1.047)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        | 7-D<br>33-D                 |                        |
| SV<br>6       | 18 RUN 40* (1908 G) WATER INTO V- _____<br>19 RUN IN FROM V-354<br>OPTR 259, MK 312, 85 *F, 29.50%<br>OPTR _____, MK _____, _____%<br>20 ADJ TO 3148 G AT 67-69*F (64* IN V-240 &<br>V-246; 66* IN V-241, V-242 & V-245)<br>21 STIR 3 MIN RECORD: 69 *F<br>22 RECORD: PH 3.0 (2.8-3.6)<br>23 ADJ TO PH 4.0-4.1 ASSUME 66%<br>RECORD: PH 4.1 & VOL 66 * ASSUME 50%<br>NOTE: DILUTE N-7-D 10:1 WITH WATER<br>24 RECORD: G/ML 1.099 (1.097-1.100)<br>25 OBTAIN 1 QT SAMPLES OF S-17 & S-24<br>SOLUTIONS & TITRATE TWICE<br>RECORD: LOWEST PH _____ & ML N-10-D 8.26<br>LOWEST PH _____ & ML N-10-D 8.29<br>NOTIFY SUPV IF ML N-10-D IS NOT IN RANGE<br>8.0-8.6 OR IF THE TWO TITRATIONS DIFFER<br>BY MORE THAN 0.10 ML N-10-D (IF YES,<br>FLUSH ALL EQUIPMENT & REPEAT TITRATIONS)<br>DO NOT PROCEED IF N-10-D TITRATION IS OUT<br>OF RANGE | 10329                  | 41-D<br>57-A<br>33-D<br>7-D | 3047                   |

PROCEED TO PAGE 2

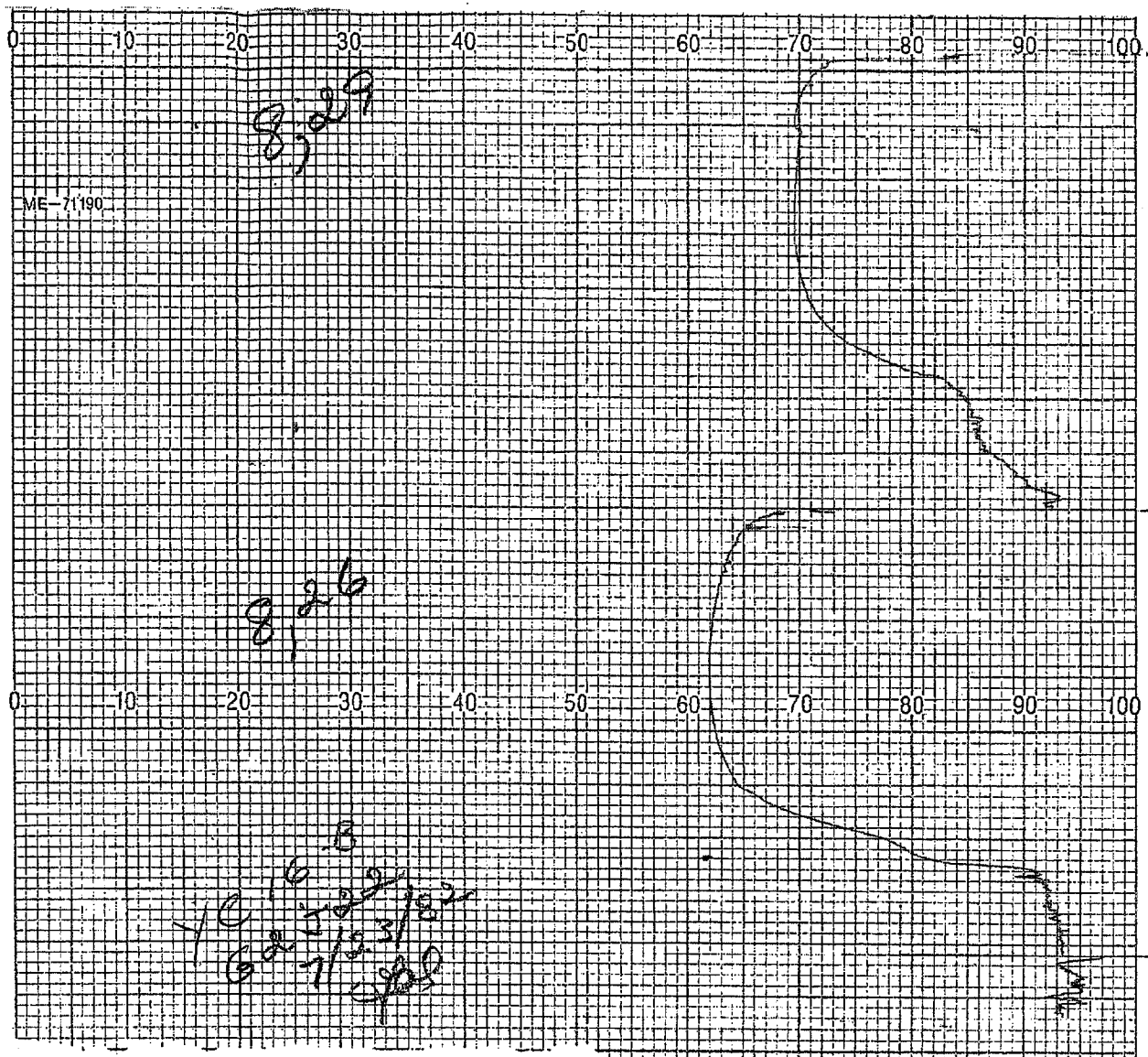
JUL 26 1982

N32793

DUP050464322

MAKING INSTRUCTIONS: BATCH UNIT

| EQUIP<br>MENT |    | PAGE 02 OF 2 CG 01 CODE YC-016-B                                                         | USE<br>LBS | N-CODE    | ACCT<br>LBS |
|---------------|----|------------------------------------------------------------------------------------------|------------|-----------|-------------|
|               | 25 | RUN V-358 AT 67-69°F THRU BOTH UNDERSURFACE DISTRIBUTORS INTO SV AT 67-69°F IN 17-19 MIN |            |           |             |
|               |    | RECORD: START <u>5:00 PM</u> M & TOTAL MIN <u>18</u>                                     |            |           |             |
|               |    | NOTE: V-358 STRIKE TIME UP WHEN 1/2 VAT BOTTOM SHOWS MT                                  |            |           |             |
| SV            | 27 | WHEN S 26 COMPLETED AND BEFORE WASHING IN V-358, DUMP IN N-4-A FROM S-4                  |            |           |             |
| 6             |    |                                                                                          |            |           |             |
| (CONT)        | 28 | RUN IN USING WEIGHT & FLOW CONTROL PANEL                                                 |            |           |             |
|               |    | OPTR _____, MK _____, <u>29.89</u> %                                                     | <u>74</u>  | 28-D      | 22          |
|               |    | OPTR _____, MK _____, _____ %                                                            |            | 29-D      |             |
|               | 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>1.9</u> (2.2-2.5) & PB XS <u>+</u> (+)                                     |            |           |             |
|               | 32 | STIR TOTAL OF 15 MIN FROM COMPLETION OF S 26 RECORD: START _____ 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>6.0</u> (5.8-6.0)                                                          |            |           |             |
|               | 44 | IF NECESSARY, ADJ TO PH 5.8-6.0 ASSUME 50%                                               |            | 7-D       |             |
|               |    | RECORD: PH _____ ASSUME 66%                                                              |            | 33-D      |             |
|               | 45 | FLOOD TO 153' (7298 G)                                                                   |            |           |             |
|               | 46 | STOP AGITATOR SIFT IN & STIR 10 min                                                      | 100        | YC-16-B   | 100         |
|               | 47 | STOP AGITATOR                                                                            |            | LOT 39503 |             |
|               |    | START <u>3:00 PM</u> FINISH <u>6:00 PM</u> OPTR <u>301-259</u>                           |            |           |             |



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