S.V. ~~240~~ OR (245) ONLY DATE PRINTED: 5/28/82

CG 01 CODE YE-698-D PROCESSES ( ) YE-698-D (S) APPROVED BY FWP 05/28/82

JUN A 1982 (DATE) F2J54 (LOT) 5547* LBS. (EST WGT) COMTYP JOB NAME: 01YE698DMS TYPED BY: JMW

| EQUIPMENT | | NAME: MOLYBDATE ORANGE | USE LBS | N-CODE | ACCT LBS |
|---|---|---|---|---|---|
| PREP 1 | 1 | OBTAIN FOR S-20 | 84 | 108-A | 84 |
| | 2 | CALCULATE & SET ON BADGER METER FOR S-23 64.40 % | 78 | 33-D | 50 |
| | 3 | OBTAIN FOR S-28 | 734 | 4-A | 734 |
| | 4 | OBTAIN FOR S-32 | 146 | 3-A | 146 |
| | 5 | OBTAIN FOR S-34 | 237 | 32-D | 237 |
| | 6 | OBTAIN FOR S-38 | 350 | 3-A | 350 |
| | 7 | OBTAIN FOR S-41 | 70 | 711-B | 70 |
| 351 2 | 8 | WEIGH INTO V-351 CHECKED BY: # M 83786 % | 1875 | 10-D | 1885 |
| 359 3 | 9 | WEIGH IN. OPTR ____, MK 33, T-360 71.92 % OPTR ____, MK ___, T-____, _____ % | 949 | 423-D | 303 |
| SV 4 | 10 | RUN 20* (996 G) WATER INTO V- 245 | | | |
| | 11 | RUN IN FROM V-354. OPTR EC, MK 33 1.110 *F RECORD: G/ML 1.327 (1.270-1.328) 29.76 % RECORD: PH 2.6 (2.2-3.7) | 17524 | 41-D | 5110 |
| | 12 | ADJ TO 76* (3625G) AT 67-69*F RECORD: TEMP 69 *F | 1650 | 57-A | 1650 |
| | 13 | STIR 5 MIN & RECORD: PH 3.1 (2.2-3.7) | | | |
| | 14 | IF NECESSARY, ADJ TO PH 3.0-3.1 ASSUME 60% RECORD: PH 3.1 | | 33-D | |
| | | NOTE: DILUTE N-7-D 10:1 WITH WATER BEFORE ADDING ASSUME 50% | | 7-D | |
| | 15 | RECORD: 1.142 G/ML (1.142-1.144) | | | |
| | | NOTE: IF G/ML OUT OF LIMITS FILL OUT CHECK LIST & ATTACH | | | |
| | 16 | STIR AT 67-69*F FOR S26. TAKE 1 QT SAMPLE. | | | |
| 358 5 | 17 | RUN 10* (500 G) WATER INTO V-358 | | | |
| | 18 | RUN V-359 INTO V-351 & PUMP IN V-351 | | | |
| | 19 | ADJ TO 55* (2600 G) | | | |
| | 20 | SIFT IN N-108-A FROM S 1 | | | |
| | 21 | STIR 5 MIN & RECORD: PH 9.8 (9.0-10.0) | | | |
| | 22 | ADJ TO PH 9.8-9.9 & RECORD: PH ____ ASSUME 50% ASSUME 60% | | 7-D 33-D | |
| | 23 | ADD N-33-D FROM S 2 USING BADGER METER | | | |
| | 24 | ADJ TO 66* (3121 G) AT 67-69*F RECORD: VOL 66* & 69 *F | | | |
| | 25 | STIR 5 MIN & RECORD: PH 7.6 (7.4-7.6) & G/ML 1.082 (1.080-1.083) NOTE IF G/ML OUT OF LIMITS FILL OUT CHECK LIST & ATTACH. TAKE 1 QT SAMPLE | | | |

JUN 10 1982

N39436

LOT= _____ _ COMTYP JOB NAME = 01YE698DMS PAGE 02 DATE PRINTED: 5/28/82

| EQUIPMENT | | | USE LBS | N-CODE | ACCT LBS |
|---|---|---|---|---|---|
| | 26 | OBTAIN 1 QT SAMPLES OF S-16 & S-25 SOLUTIONS & TITRATE TWICE<br>RECORD: LOWEST PH 2.32 & ML N-10-D 2.50<br>LOWEST PH 2.20 & ML N-10-D 2.53<br>NOTIFY SUPV IF ML N-10-D IS NOT IN RANGE 7.1-7.4 OR IF THE TWO TITRATIONS DIFFER BY MORE THAN 0.10 ML N-10-D (IF YES, FLUSH ALL EQUIPMENT & REPEAT TITRATIONS)<br>DO NOT PROCEED IF N-10-D TITRATION IS OUT OF RANGE<br>ADJUST V-358 TO OBTAIN A TITRATION PH = ~~2.05~~ 2.15 (~~2.00-2.10~~ 2.10 - 2.20) | 8 | 33-D<br>7-D | 6 |
| SV 6 | 27 | WHEN S-26 TITRATION OK, STRIKE V-358 THRU BOTH UNDERSURFACE DISTRIBUTORS INTO SV IN 16-18 MIN<br>RECORD: START 4:00PM TOTAL MIN 18<br>NOTE: STRIKE TIME UP WHEN 1/2 VAT BOTTOM SHOWS & BUBBLES APPEAR IN SIGHT GLASSES | | | |
| | 28 | IMMEDIATELY DUMP IN N-4-A FROM S 3 & SET TIMER FOR 15 MINUTES | | | |
| | 29 | DURING S 28, WASH IN V-358 | | | |
| | 30 | STIR 2 MIN & RECORD PH 1.9 (1.8-2.5)<br>PBXS, + (MUST BE +) | | | |
| | 31 | STIR TOTAL OF 15 MIN FROM S-28 &<br>RECORD: TEMP 72 *F (67-73*F) | | | |
| | 32 | DUMP N-3-A FROM S-4 | | | |
| | 33 | STIR 3 MIN | | | |
| | 34 | POUR IN N-32-D FROM S-5 | | | |
| | 35 | STIR 2 MIN | | | |
| | 36 | RUN IN USING BADGER METER. | 734 | 115-A | 367 |
| | 37 | STIR 3 MIN & FLUSH ALUM LINE WITH WATER. | | | |
| | 38 | DUMP IN N-3 FROM S-6 | | | |
| | 39 | STIR 4 MIN FOR S-43 | | | |
| | 40 | RUN IN USING WEIGHT & FLOW CONTROL PANEL | | | |
| 390 7 | | MK _____, 29.89 % | 357 | 28-D | 105 |
| | | MK _____, _____ % | | 28-D | |
| | 41 | DURING S-39 SIFT N-711-B FROM S-7 INTO V-390 WITH AGITATOR ON IN 1-2 MIN | | | |
| | 42 | STIR 1-2 MIN TO MILKY SOLUTION | | | |
| SV 8 | 43 | WHEN S-39 COMPLETE, IMMEDIATELY RUN IN N-711-B SOLUTION GRADUALLY OVER 5 MIN PERIOD INTO SV<br>WATCH FOAM!!! IF FOAMING IS EXCESSIVE, STOP UNTIL FOAM SUBSIDES. | | | |
| | 44 | DUMP IN | 350✓ | 128-A | 350 |
| | 45 | STIR 10 MIN | | | |
| | 46 | RECORD: PH 5.8 (5.8-6.0) | | | |
| | 47 | IF NECESSARY, ADJ TO PH 5.8-6.0 & RECORD: PH- | ASSUME 50%<br>ASSUME 66% | 7-D<br>33-D | |
| | 48 | RECORD: TIME 5:30PM | | | |
| | 49 | FLOOD TO 153* (7619 G) | | | |
| | 50 | STOP AGITATOR | | | |

| START | FINISH | OPTR | HELPER |
|---|---|---|---|
| 11:30PM | 5:30AM | 86 | |

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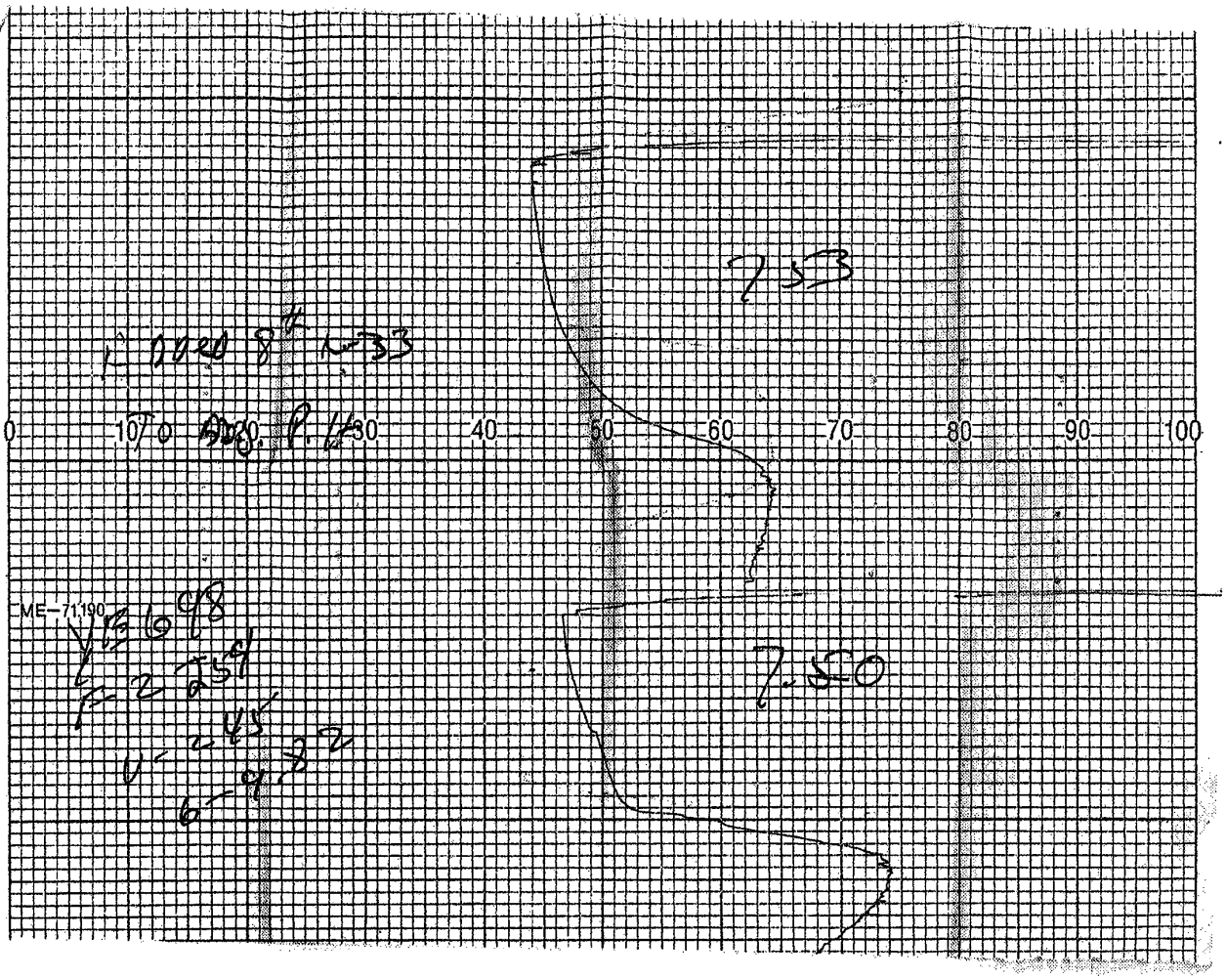
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