CG 46 CODE YC-5-A PKG ____

LOT L2H75

OCT 28 1982

EST. WT. 2131* LBS.

E.C.

35 / 106 PROCESSES (E) YC-5-A APPROVED BY EWK 10/23/81

TYPED BY: JMH

MAKING NOTES _____

JOB NAME: 46YC005APE

| INSTRUCTIONS = PRESSING = | | | | RECORD | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| VAT | | | 106 | PRESSLOAD | 1ST | 2ND | 3RD | 4TH | 5TH |
| DATE | | | 10-29-82 | STARTED | 2 AM | | | | |
| TIME | | | 10:30 PM | CAKES USED | 60 | | | | |
| RELEASED BY | | | 80 | WATER ON | 7 PM | | | | |
| PRESS | 32 | 33 | 35 | HRS. WASHED | 5 | | | | |
| NO.OF CAKES | 60 | 62 | 60 | M MHOS | 175 | | | | |
| PRESS WITHOUT AGITATION | | | | HRS. WASHED | | | | | |
| WASH TO 250 M MHOS -WITH 35-75 F WTR | | | | M MHOS | | | | | |
| TEST AFTER 2 HOURS | | | | HRS. WASHED | | | | | |
| LOAD IN METAL DRUMS AT 360# NET/DRUM | | | | M MHOS | | | | | |
| | | | | CAKE CONDITION | | | | | |
| AIR BLOW PRESS CAKE FOR | | | | NO CARS LOADED | | | | | |
| 15 MIN AT 40 PSI | | | | EXPLAIN LOSSES | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| SAMPLES 1-8 OZ JAR +1 Quart | | | | SAMPLED BY | | | | | |
| DELIVER TO CTL FOR COLOR & SOLIDS | | | | RELEASED BY | | | | | |

= DRYING =

***DO NOT DRY***

= GRINDING =

***DO NOT GRIND****

D.V. C.V. 105 (106) D.V. (300) (315),317,322,232 DATE PRINTED: 3/22/82 GRC

CG 46 CODE YC-5-A PKG ___ PROCESSES APPROVED BY

OCT 28 1982 L2H75 (E)YC-5-A ( ) EWK 10/23/81

( DATE ) (LOT NUMBER) ( ) ( )

( ) ( )

TYPED BY: JMH

EST. WT. 2131* LBS. STANDARD HRS. _____ TIME 7 A.M.

PREPARATION NOTES: WEST PRESS

B.O. V-300

USE EAST PRESS

| EQUIPMENT | | NAME: "DALAMAR" YELLOW 03 PAGES | USE LBS | N-CODE | ACCT LBS |
|---|---|---|---|---|---|
| PREP 1 | 1 | OBTAIN FOR S6 (5-NITRO-2-AMINO ANISOLE) | | 557-C | |
| | 2 | OBTAIN FOR S23 (ACETOACET ORTHO ANISIDIDE) | | 46-C | |
| | 3 | CLEAN, DRESS, CLOSE 24" CLARIF PRESS - 15 FRAMES. | | | |
| DV 2 | 4 | RUN 17" (595 G) WATER INTO V-300 | | | |
| | 5 | WEIGH IN FROM V-324 (HYDROCHLORIC ACID) M 2, 31.01 % | 1422 | 28-D | 441 |
| | 6 | DUMP & RINSE IN DRUMS FROM S1 (5-NITRO-2-AMINOANISOLE) | | 557-C | 938 |
| | | LOT # 100% % | | | |
| | | 913 111 | 111 | | |
| | | 111 | 111 | | |
| | | 112 | 112 | | |
| | | 111 | 111 | | |
| | | 112 | 112 | | |
| | | 111 | 111 | | |
| | | 111 | 111 | | |
| | | 111 | 111 | | |
| | | 48 | 48 | | |
| | 7 | STIR 10 MIN OR LONGER TO WET | | | |
| | 8 | ADJ DV TO 37" (1295 G) AT 28-32* F (ICE) | 10X330 | 57-A | 3960 |
| | 9 | SIPHON IN IN 12-15 MIN (SODIUM NITRITE) M 10, 32.76 % | 1251 | 725-A | 410 |
| | 10 | STIR 30 MIN AT 28-32*F MAINTAINING +CR; +KI FOR S13. RECORD: TIME START 12:40 PM CR +, KI + NOTE: | NOV 1 1982 | | |
| | | (1) IF CR-, KI- ADD 20# "AS IS" INCREMENTS (HYDROCHLORIC ACID) ASSUME 32% RECORD: CR_____(+); KI_____(+) | _____ | 28-D | _____ |
| | | (2) IF CR+, KI- ADD 20# "AS IS" INCREMENTS (SODIUM NITRITE) ASSUME 33% RECORD: CR_____(+), KI_____(+) | _____ | 725-A | _____ |
| MISC 3 | 11 | SLURRY IN 50 GAL WATER IN DRUM & PRECOAT CLARIF PRESS WITH (DICALITE FILTER AID) | 5 | 777-A | 5 |
| | 12 | SLURRY IN 20 GAL WATER IN DRUM FOR S 20 (TRISULPHOIL SOAP D) | 78 | 39-A | 78 |
| DV 4 | 13 | WHEN S10 STIR COMPLETE, DUMP IN (DICALITE FILTER AID) | 10 | 777-A | 10 |
| | 14 | DUMP IN (ACTIVATED CARBON) | 15 | 113-B | 15 |

Check weight on attached sheet

DUP050061311

N41328.01

| EQUIPMENT | | PAGE 02 OF 03 CG 46 CODE YC-5-A (E) | USE LBS | N-CODE | ACCT LBS |
|---|---|---|---|---|---|
| DV 4 CONT. | 15 | STIR 30 MIN AT 28-32 DEG F MAINTAINING +CR: +KI FOR S21. RECORD: TIME START 1:15 PM CR + , KI + . NOTE: | 660 | 57-A | 660 |
| | | (1) IF CR-, KI- ADD 20# 'AS IS' INCREMENTS (HYDROCHLORIC ACID) ASSUME 32% | | 28-D | |
| | | RECORD: CR _____(+) KI _____(+) | | | |
| | | (2) IF CR+, KI- ADD 20# 'AS IS' INCREMENTS (SODIUM NITRITE) ASSUME 33% | | 725-A | |
| | | RECORD: CR _____(+) KI _____(+) | | | |
| CV 5 | 16 | RUN 10" (970 G) WATER INTO V- 106 & INSTALL TEMP CHART | | | |
| | 17 | POUR IN (SODIUM HYDROXIDE) M 12 , 50.16 % | 891 | 7-D | 447 |
| | 18 | ADJ TO 37" (3611 G) AT 66-70*F (ICE) | 3X330 | 57-A | |
| | 19 | CLOSE STACK DAMPER | | | |
| | 20 | POUR IN N-39-A SLURRY FROM S12 & STIR FOR S23 | | | |
| DV 6 | 21 | WHEN 15 STIR COMPLETE, TEST DV & RECORD: CR + (+); KI + (+); TEMP 30 (28-32*F) | | 57-A | |
| | | NOTE: (1) IF CR-, KI- ADD 20# 'AS IS' INCREMENTS (HYDROCHLORIC ACID) ASSUME 32% | | 28-D | |
| | | RECORD: CR_____(+); KI_____(+) | | | |
| | | (2) IF CR+, KI- ADD 20# 'AS IS' INCREMENTS (SODIUM NITRITE) ASSUME 33% | | 725-A | |
| | | RECORD: CR_____(+); KI_____(+) | | | |
| | 22A | TURN ON V- 315 AGITATOR, CHOP & ADD ICE THEN SHUT OFF AGITATOR | 2X330 | 57-A | 660 |
| | 22B | PUMP DV THRU CLARIF PRESS INTO DV MAINTAINING TEMP AT 28-32 DEG F RECORD: TIME START 2:10PM TOTAL MIN 120 | | | |
| CV 7 | 23 | DUMP INTO CV FROM S2 (ACETOACET ORTHO ANISIDIDE) NOTE: BREAK UP LUMPS | | | |
| | | LOT # 100 % % | | 46-C | 1240 |
| | | OU-15-2 1240 100.0 | 1240 | | |
| | 24 | STIR 10 MIN TO DISSOLVE | | | |
| | 25 | OPEN STACK DAMPER | | | |
| | 26 | Meter IN UNDERSURFACE IN 20-25 MIN (ACETIC ACID) M 4 , 68.60 % | 999 | 30-D | 685 |
| | 27 | STIR 5 MIN & RECORD: PH 6.1 (5.8-6.3) | | | |
| | 28 | IF NECESSARY, ADJ TO PH 5.8-6.3 & RECORD PH 1 (5.8-6.3) SODIUM HYDROXIDE ASSUME 50% | | 7-D | |
| | | ACETIC ACID ASSUME 70% | | 30-D | |
| DV 8 | 29 | WHEN S22 CLARIF COMPLETE, WASH DV (S4) LINES, PUMP & PRESS FOR 20 MIN OR TO A -CR TEST ON A SAMPLE OF TOTAL PRESS EFFLUENT WHICHEVER COMES FIRST. COLLECT WASHINGS IN DV (S22). RECORD: TIME START 2:10 PM CR — (- OR+) | | | |
| | 30 | STIR 5 MIN & RECORD: TEMP_____(28-32*F) & IF NECESSARY ADJ TO 28-32*F. RECORD _____*F | 3X330 | 57-A | 990 |
| | 31 | RECORD: VOL 56 " | | | |

Run in 4" water

Check Weight Record on attached Sheet

DUP050061312

| EQUIPMENT | | PAGE 03 OF 03 CG 46 CODE YC-5-A (E) | USE LBS | N-CODE | ACCT LBS |
|---|---|---|---|---|---|
| CV 9 | 32 | WHEN S 31 COMPLETE, ADJ CV TO 44" (4268 G) AT 80 - 84 DEG F | | | |
| | 33 | CHECK ACCURACY: HT 82 DEG F & RECORDER 80 DEG F. | | | |
| | 34 | IMMEDIATELY RUN IN DV THRU UNDERSURFACE DISTRIBUTOR IN 60-65 MIN. MAINTAIN CV AT 80-84 DEG F | | | |
| | | RECORD: TIME START 7:30 PM TOTAL MIN. 60 | | | |
| | 35 | STIR 10 MIN. DISCONNECT TRANSFER LINE AT DV IMMEDIATELY | | | |
| | 36 | RECORD: DIAZO ____ (-) BASE + (+) PH 4.3 (4.3-4.7) | | | |
| | | NOTE: (1) IF DIAZO +, BASE - & PH BELOW 4.3, ADJ TO PH 4.3-4.7 RECORD: PH ____ | | | |
| | | (SODIUM HYDROXIDE) ASSUME 50% | ____ | 7-D | ____ |
| | | (2) IF DIAZO +, BASE - & PH ABOVE 4.3 ADD | | | |
| | | 8# 100% N-7-D TO 55 GAL DRUM ASSUME 50% | ____ | 7-D | ____ |
| | | ADJ WITH WATER TO + OR - 25 GAL. ADD 20# | | | |
| | | 100% N-46-C (ACETOACET ORTHO ANISIDINE) & | ____ | 46-C | ____ |
| | | STIR TO DISSOLVE. POUR IN CV & STIR 10 MIN | | | |
| | | (3) REPEAT ABOVE AS NECESSARY TO - DIAZO, + BASE. | | | |
| | 37 | HEAT TO 190-194 DEG F IN 58-62 MIN. | | | |
| | 38 | STIR 30 MIN AT 190-194 DEG F RECORD: TIME START 9:48 PM | | | |
| | 39 | FLOOD TO 94" (9174G) & STOP AGITATOR | | | |
| | | START 7:00 PM / 3:00 PM — FIN 3:00 PM / 10:30 PM — OPTR 30 / 209 | | | |
| DELAYED | | BOILED OUT V-323 | 100 | 7-D | 50 |
| | | RECLARIFIED V315 INTO V-323 POOR CLARIFICATION THE FIRST TIME! | | | |

CODE: YCSA LOT L2H7S

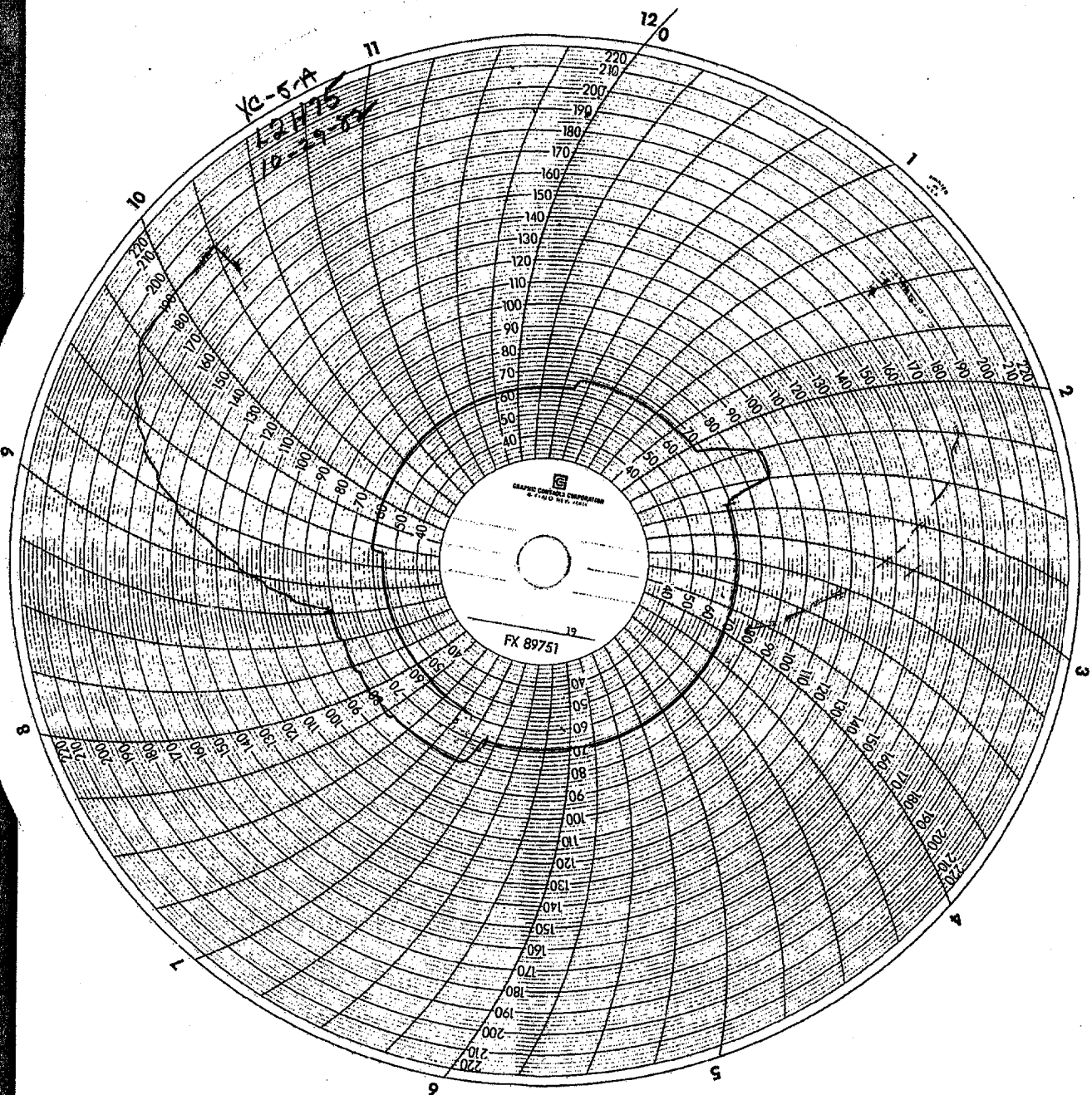
N- 557 -C CHECK-WEIGH & CALCULATE

| DRUM STENCILED | | | | | NEWARK CHECK-WEIGH | | | | |
|---|---|---|---|---|---|---|---|---|---|
| LOT | GROSS | TARE | Net | % | GROSS | TARE | NET | | #100% |
| [illegible] | 132 | 21 | 111 | | 132 | 21 | 111 | X % AS DECIMAL | 100% |
| | 132 | 21 | 111 | | 132 | 21 | 111 | | |
| | 132 | 21 | 111 | | 132 | 20 | 112 | | |
| | 132 | 21 | 111 | | 132 | 21 | 111 | | |
| | 132 | 21 | 111 | | 132 | 20 | 112 | | |
| | 132 | 21 | 111 | | 132 | 21 | 111 | | |
| | 132 | 21 | 111 | | 132 | 21 | 111 | | |
| | 132 | 21 | 111 | | 132 | 21 | 111 | | |
| | | | | | Stump | | 48 | | |

N- 46 -C

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| OU-152 | | | | | 214 | 15 | 199 | | 100% |
| | | | | | 215 | 15 | 200 | | |
| | | | | | 215 | 15 | 200 | | |
| | | | | | 214 | 15 | 199 | | |
| | | | | | 214 | 15 | 199 | | |
| | | | | | 214 | 15 | 199 | | |
| | | | | | Stump | | 44 | | |

DUP050061314




DUP050061315