

(DATE) (LOT NUMBER)

TYPED BY: JMH

EST. WT. 2238* LBS.

STANDARD HRS.

TIME M

PREPARATION NOTES: X00-44

BLEEDING

EQUIP MENT	NAME: DALAMAR YELLOW	USE LBS	N-CODE	ACCT LBS
PREP	1 OBTAIN 5-NITRO-2-AMINOANISOLE FOR S5		557-C	
1	2 OBTAIN ACETO ACET ORTHO ANISIDIDE FOR S17		46-C	

DV	3 RUN 10" (323 G) WATER INTO V. 300			
2	4 WEIGH IN HYDROCHLORIC ACID FROM V-324			
	M 3 30.84 %	1485	28-D	458
	5 DUMP & RINSE IN 5-NITRO-2-AMINO ANISOLE			
	DRUMS FROM S1		557-C	974

LOT	# 100%	%
497	110	100%
493	110	100%
501	110	100%
494	110	100%
457	110	100%
500	110	100%
499	110	100%
503	110	100%
528	047	100%
538	047	100%

NOV 19 1982

6	STIR 10 MIN OR LONGER TO WET			
7	ADJ TO 33" (1155 G) AT 28-32 DEG F. (ICE)	10X330	57-A	10-330
8	SIPHON IN SODIUM NITRITE IN 12-15 MIN			
	M 11 33.37 %	1184	725-A	395
9	STIR 60 MIN AT 28-32 DEG F MAINTAINING			
	+ CR, + KI FOR S 15			
	RECORD: TIME START 12:35 CR - (+)			
	KI (+)			
	NOTE: (1) IF CR-, KI-, ADD 20% "AS IS"	166	28-D	53
	INCREMENTS HYDROCHLORIC ACID	220	28-D	70
	RECORD: CR + (+), KI + (+)	500	28-D	160
	(2) IF CR+, KI-, ADD 20% "AS IS" INCREMENTS			
	SODIUM NITRITE	150	725-A	50
	RECORD: CR (+), KI (+)			

3X330 57A 990

C.V. 105, 106

D.V. 300, 315, 317, 322, 323

CG 46 CODE YC-11-A PKG

PROCESSES
(C)YC-11-A ()

APPROVED BY
JJG 6/10/81
EWK 10/21/81

(DATE)

(LOT NUMBER)

TYPED BY: JMH

TIME 2 AM

EST. WT. 2126* LBS.

STANDARD HRS.

PREPARATION NOTES

BLEEDING

[illegible]

DUP050061291

EQUIP MENT		PAGE 2 OF 3 CG 46 CODE YC-11-A (C)	USE LBS	N-CODE	ACCT LBS
MISC 3	11	SLURRY IN 40 GAL WATER IN DRUM & PRECOAT CLARIF PRESS WITH DICALITE FILTER AID	5	777-A	5
DV 4	12	WHEN S10 STIR COMPLETE, DUMP IN ACTIVATED CARBON	15	113-B	15
	13	DUMP IN DICALITE FILTER AID	10	777-A	10
	14	STIR 30 MIN AT 28-32 DEG F MAINTAINING + CR, + KI FOR S 20 RECORD: TIME START_____, CR_____(+), KI_____(+) NOTE: (1) IF CR-, KI-, ADD 20# "AS IS" INCREMENTS HYDROCHLORIC ACID ASSUME 32% RECORD: CR_____(+), KI_____(+) (2) IF CR+, KI-, ADD 20# "AS IS" INCREMENTS SODIUM NITRITE ASSUME 33% RECORD: CR_____(+), KI_____(+)		57-A 28-D 725-A	
CV 5	15	RUN 10" (970 G) WATER INTO V_____ & INSTALL TEMP CHART			
	16	POUR IN SODIUM HYDROXIDE M_____, _____%		7-D	466
	17	ADJ TO 40" (3904 G) AT 66-70 DEG F	3X330	57-A	
	18	CLOSE STACK DAMPER			
	19	STIR FOR S 22			
DV 6	20	WHEN S 14 STIR COMPLETE, TEST DV & RECORD CR_____(+), KI_____(+) TEMP:_____(28-32 F) NOTE: (1) IF CR-, KI-, ADD 20# "AS IS" INCREMENTS HYDROCHLORIC ACID ASSUME 32% RECORD: CR_____(+), KI_____(+) (2) IF CR+, KI-, ADD 20# "AS IS" INCREMENTS SODIUM NITRITE ASSUME 33% RECORD: CR_____(+), KI_____(+)		26-D 725-A	
	21A	TURN ON V-_____ AGITATOR, CHOP & ADD ICE.	2X330	57-A	
		THEN SHUT OFF AGITATOR.			
	21B	PUMP DV THRU CLARIF PRESS INTO DV MAINTAINING TEMP AT 28-32 DEG F RECORD: TIME START_____, TOTAL MIN_____			
CV 7	22	DUMP INTO CV FROM S2 ACETO ACET ORTHO ANISIDIDE. LOT #100% %		46-C	1265
		NOTE: BREAK UP LUMPS			
	23	STIR 30 MIN TO DISSOLVE			
	24	OPEN STACK DAMPER			
	25	RUN IN UNDERSURFACE IN 20-25 MIN. ACETIC ACID. M_____, _____%		30-D	713
	26	STIR 5 MIN & RECORD: PH_____(5.8-6.3)			
	27	IF NECESSARY, ADJ TO PH 5.8-6.3 SODIUM HYDROXIDE ASSUME 50% ACETIC ACID ASSUME 70%		7-D 30-D	
		RECORD: PH_____(5.8-6.3)			

EQUIP MENT		PAGE 2 OF 3	CG 46	CODE	YT-808-D ()	USE LBS	N-CODE	ACCT LBS
CV 5	10	RUN 10" (970 G) WATER INTO V. <u>106</u> &						
	11	INSTALL TEMP CHART						
	12	POUR IN SODIUM HYDROXIDE M <u>13</u> <u>51.53%</u> <u>904</u>					7-D	466
	13	ADJ TO 40" (3904 G) AT 66-70 DEG F				3X330	57-A	
	14	CLOSE STACK DAMPER						
	14	STIR FOR S 17.						
DV 6	15	WHEN S 9 STIR COMPLETE, TEST DV & RECORD						
		CR _____ (+), KI _____ (+). TEMP: _____ (28-32 F)						
		NOTE: (1) IF CR-, KI-, ADD 20# "AS IS" INCREMENTS HYDROCHLORIC ACID						
		RECORD: CR _____ (+), KI _____ (+) ASSUME 32%					28-D	
		(2) IF CR+, KI-, ADD 20# "AS IS" INCREMENTS SODIUM NITRITE						
		RECORD: CR _____ (+), KI _____ (+) ASSUME 33%					725-A	
	16	ADJUST TO 60" (2054G) WITH WATER AND ICE TO 28-32°F.					57-A	
CV 7	17	DUMP INTO CV FROM S2 ACETO ACET ORTHO ANISIDIDE.						
		NOTE: LOT #100% <u>20428</u> <u>600</u> <u>97.0</u> <u>821</u>					46-C	1265
		BREAK UP LUMPS <u>20430</u> <u>400</u> <u>94.4</u> <u>426</u>						
		<u>EA + NAH</u> <u>265</u> <u>100.7</u> <u>263</u>						
	18	STIR 10 MIN TO DISSOLVE						
	19	OPEN STACK DAMPER						
	20	Meter IN UNDERSURFACE IN 20-25 MIN. ACETIC ACID. M <u>4</u> <u>68.60%</u> <u>1039</u>					30-D	713
	21	STIR 5 MIN & RECORD: PH _____ (5.8-6.3)						
	22	IF NECESSARY, ADJ TO PH 5.8-6.3						
		SODIUM HYDROXIDE ASSUME 50%					7-D	
		ACETIC ACID ASSUME 70%					30-D	
		RECORD: PH _____ (5.8-6.3)						
DV 8	23	STIR 5 MIN & RECORD: TEMP _____ (28-32 DEG F) & IF NECESSARY, ADJ TO 28-32 DEG F					57-A	
		RECORD: _____ DEG F						
	24	WHEN S 9 STIR COMPLETE, TEST DV & RECORD						
	25	RECORD: CR _____ (+)						
	26	IF NECESSARY, ADJ TO KI & RECORD: KI _____					725-A	
		SODIUM NITRITE ASS 32%						
	27	RECORD: DV _____						
		SETTLE FOR 10 MIN. NOTE: DO NOT TURN ON MOTOR UNTIL SETTLING.						
MISC 9	28	WEIGH SODIUM HYDROXIDE IN DRUMS FOR S35 M <u>13</u> <u>31.53%</u> <u>574</u>					7-D	296
	29	DISSOLVE IGEFAL C0630 IN 20 GAL WATER IN DRUMS FOR S38				62	975-D	62

S.V.

D.V. 300, 315, 317, 322, 323

PROCESSES

APPROVED BY

JJG 6/10/81

EWK 10/21/81

EST. WT. 2126* LBS.

TYPED BY: JMH

STANDARD HRS. _____ TIME: _____ M

PREPARATION NOTES:

BLEEDING

EQUIP MENT		NAME: DALAMAR YELLOW	USE LBS	N-CODE	ACCT LBS
PREP	1	OBTAIN 5-NITRO-2-AMINOANISOLE FOR S6		557-C	
1	2	OBTAIN ACETO ACET ORTHO ANISIDIDE FOR S22		46-C	
	3	CLEAN, DRESS, CLOSE 24" CLARIF PRESS - 15 FRAMES			
DV	4	RUN 17" (595 G) WATER INTO V_____			
2	5	WEIGH IN HYDROCHLORIC ACID FROM V-324 M_____, _____%		28-D	458
	6	DUMP & RINSE IN 5-NITRO-2-AMINO ANISOLE DRUMS FROM S1 LOT ÷ 100% %		557-C	974
		----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- -----			
	7	STIR 10 MIN OR LONGER TO WET			
	8	ADJ TO 33" (1155 G) AT 28-32 DEG F. (ICE)	10X330	57-A	
	9	SIPHON IN SODIUM NITRITE IN 12-15 MIN M_____, _____%		725-A	405
	10	STIR 30 MIN AT 28-32 DEG F MAINTAINING + CR, + KI FOR S 12 RECORD: TIME START_____, CR_____(+), KI_____(+) NOTE: (1) IF CR-, KI-, ADD 20÷ "AS IS" INCREMENTS' HYDROCHLORIC ACID ASSUME 32% RECORD: CR_____(+), KI_____(+) (2) IF CR+, KI-, ADD 20÷ "AS IS" INCREMENTS SODIUM NITRITE ASSUME 33% RECORD: CR_____(+), KI_____(+)		28-D	
				725-A	

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MAKING INSTRUCTIONS: BATCH UNIT

EQUIP MENT		PAGE 2 OF 3 CG 46 CODE YC-11-A (C)	USE LBS	N-CODE	ACCT LBS
MISC 3	11	SLURRY IN 40 GAL WATER IN DRUM & PRECOAT CLARIF PRESS WITH DICALITE FILTER AID	5	777-A	5
DV 4	12	WHEN S10 STIR COMPLETE, DUMP IN ACTIVATED CARBON	10	777-A	10
	13	DUMP IN DICALITE FILTER AID	10	777-A	10
	14	STIR 30 MIN AT 28-32 DEG F MAINTAINING + CR, + KI FOR S 20 RECORD: TIME START <u>1:00 P</u> , CR <u>+</u> (+), KI <u>+</u> (+) NOTE: (1) IF CR-, KI-, ADD 20% "AS IS" INCREMENTS HYDROCHLORIC ACID ASSUME 32% RECORD: CR <u>+</u> (+), KI <u>+</u> (+) (2) IF CR+, KI-, ADD 20% "AS IS" INCREMENTS SODIUM NITRITE ASSUME 33% RECORD: CR <u>+</u> (+), KI <u>+</u> (+)		57-A	
	15	RUN 10" (970 G) WATER INTO V <u>106</u> & INSTALL TEMP CHART			
	16	POUR IN SODIUM HYDROXIDE M <u>13</u> <u>51.53%</u>	<u>931</u>	7-D	<u>480</u>
	17	ADJ TO 40" (3904 G) AT 66-70 DEG F	3X330	57-A	
	18	CLOSE STACK DAMPER			
	19	STIR FOR S 22			
DV 6	20	WHEN S 14 STIR COMPLETE, TEST DV & RECORD CR <u>+</u> (+), KI <u>+</u> (+) TEMP: <u>32</u> (28-32 F) NOTE: (1) IF CR-, KI-, ADD 20% "AS IS" INCREMENTS HYDROCHLORIC ACID ASSUME 32% RECORD: CR <u>+</u> (+), KI <u>+</u> (+) (2) IF CR+, KI-, ADD 20% "AS IS" INCREMENTS SODIUM NITRITE ASSUME 33% RECORD: CR <u>+</u> (+), KI <u>+</u> (+) 21A RETURN ON V- <u>315</u> AGITATOR, CHOP & ADD ICE. THEN SHUT OFF AGITATOR.		28-D	
	21B	PUMP DV THRU CLARIF PRESS INTO DV MAINTAINING TEMP AT 28-32 DEG F RECORD: TIME START <u>1:45 P</u> , TOTAL MIN <u>225</u>	<u>3</u> X330	57-A	<u>990</u>
CV 7	22	DUMP INTO CV FROM S2 ACETO ACET ORTHO ANISIDIDE. LOT <u>20420</u> <u>589</u> <u>97.0</u> <u>607</u> NOTE: <u>20430</u> <u>589</u> <u>97.0</u> <u>418</u> BREAK UP <u>EASTMAN</u> <u>325</u> <u>100</u> <u>320</u> LUMPS		46-C	<u>1303</u>
	23	STIR 10 MIN TO DISSOLVE			
	24	OPEN STACK DAMPER			
	25	RUN IN UNDERSURFACE IN 20-25 MIN. ACETIC ACID. M <u>4</u> <u>68.60%</u> <u>1070</u>		30-D	<u>734</u>
	26	STIR 5 MIN & RECORD: PH <u>5.9</u> (5.8-6.3)			
	27	IF NECESSARY, ADJ TO PH 5.8-6.3 SODIUM HYDROXIDE ASSUME 50% ACETIC ACID ASSUME 70% RECORD: PH <u>5.8-6.3</u>		7-D 30-D	

MAKING INSTRUCTIONS: BATCH UNIT

EQUIP MENT		PAGE 3 OF 3 CG 46 CODE YC-11-A (C)	USE LBS	N-CODE	ACCT LBS
DV 8	28	WHEN S 21 CLARIF COMPLETE, WASH DV (S 4) LINES, PUMP & PRESS FOR 20 MIN OR TO A -CR TEST ON A SAMPLE TO TOTAL PRESS EFFLUENT, WHICHEVER COMES FIRST. COLLECT WASHINGS IN DV (S21B).			
		RECORD: TIME START <u>5:30 PM</u> CR <u>-</u> (- OR +)			
	29	STIR 5 MIN & RECORD: TEMP <u>34</u> (28-32 DEG F) & IF NECESSARY, ADJ TO 28-32 DEG F	<u>14380</u>	57-A	<u>330</u>
		RECORD: <u>32</u> DEG F			
	30	WEIGH 20 RUBBER BUCKET & WASH INTO DV	10	3000	300
		ADDITIONAL INFO:			
	31	STIR 5 MIN & RECORD: KI <u>+</u> (+)		<u>725-A</u>	
	32	IF NECESSARY, ADJ TO <u>+</u> KI & RECORD: KI <u>+</u>		3000	
		SUBSTRATE: SODIUM NITRITE			
	33	RECORD: DV <u>6 1/2</u>			
MISC 9	34	WEIGH SODIUM HYDROXIDE IN DRUMS FOR S41			
		M <u>13</u> <u>5153</u> %	<u>574</u>	7-D	296
	35	DISSOLVE IGEAL C0630 IN 20 GAL WATER IN DRUMS FOR S43	62	979-D	62
CV 10	36	WHEN S 33 COMPLETE, ADJ CV TO 48" (4685 G)			
		AT 80-84 DEG F			
	37	CHECK ACCURACY: HT <u>83</u> DEG F & RECORDER <u>84</u> DEG F			
	38	IMMEDIATELY RUN IN DV THRU UNDERSURFACE DISTRIBUTOR IN 60-65 MIN. MAINTAIN CV AT 80-84 DEG F			
		RECORD: TIME START <u>6:15 PM</u> , TOTAL MIN <u>70</u>			
	39	WHEN S 38 COMPLETE, STIR 10 MIN			
		NOTE: IMMEDIATELY AFTER COUPLING DISCONNECT TRANSFER LINE AT CV			
	40	RECORD: DIAZO <u>-</u> (-), BASE <u>+</u> (+), PH (4.3-4.7)			
		NOTE:			
		(1) IF DIAZO +, BASE -, AND PH BELOW 4.3:			
		(A) ADJ TO PH 4.3-4.7 SODIUM HYDROXIDE ASSUME 50%		7-D	
		(B) RECORD: PH <u>4.3</u>			
		(2) IF DIAZO +, BASE -, & PH 4.3 OR ABOVE:			
		(A) ADD 8 1/2 100% N-7-D SODIUM HYDROXIDE TO A 55G DRUM		7-D	
		(B) ADJ WITH WATER TO 25G			
		(C) ADD 20 1/2 100% N-46-C ACETO ACET ORTHO ANISIDIDE		46-C	
		(D) STIR TO DISSOLVE			
		(E) POUR INTO CV			
		(F) STIR 10 MIN			
		(3) REPEAT (1) & (2) ABOVE AS NECESSARY TO - DIAZO, + BASE			
	41	POUR IN N-7-D SODIUM HYDROXIDE FROM S34 & STIR 5 MIN.			
	42	RECORD: PH <u>6.2</u> (8.0-8.5) & IF NECESSARY ADJ TO PH 8.0-8.5. SODIUM HYDROXIDE. ASSUME 50%	<u>14</u>	7-D	<u>2</u>
		RECORD PH <u>8.2</u> HYDROCHLORIC ACID. ASSUME 32%		28-D	

MAKING INSTRUCTIONS: BATCH UNIT

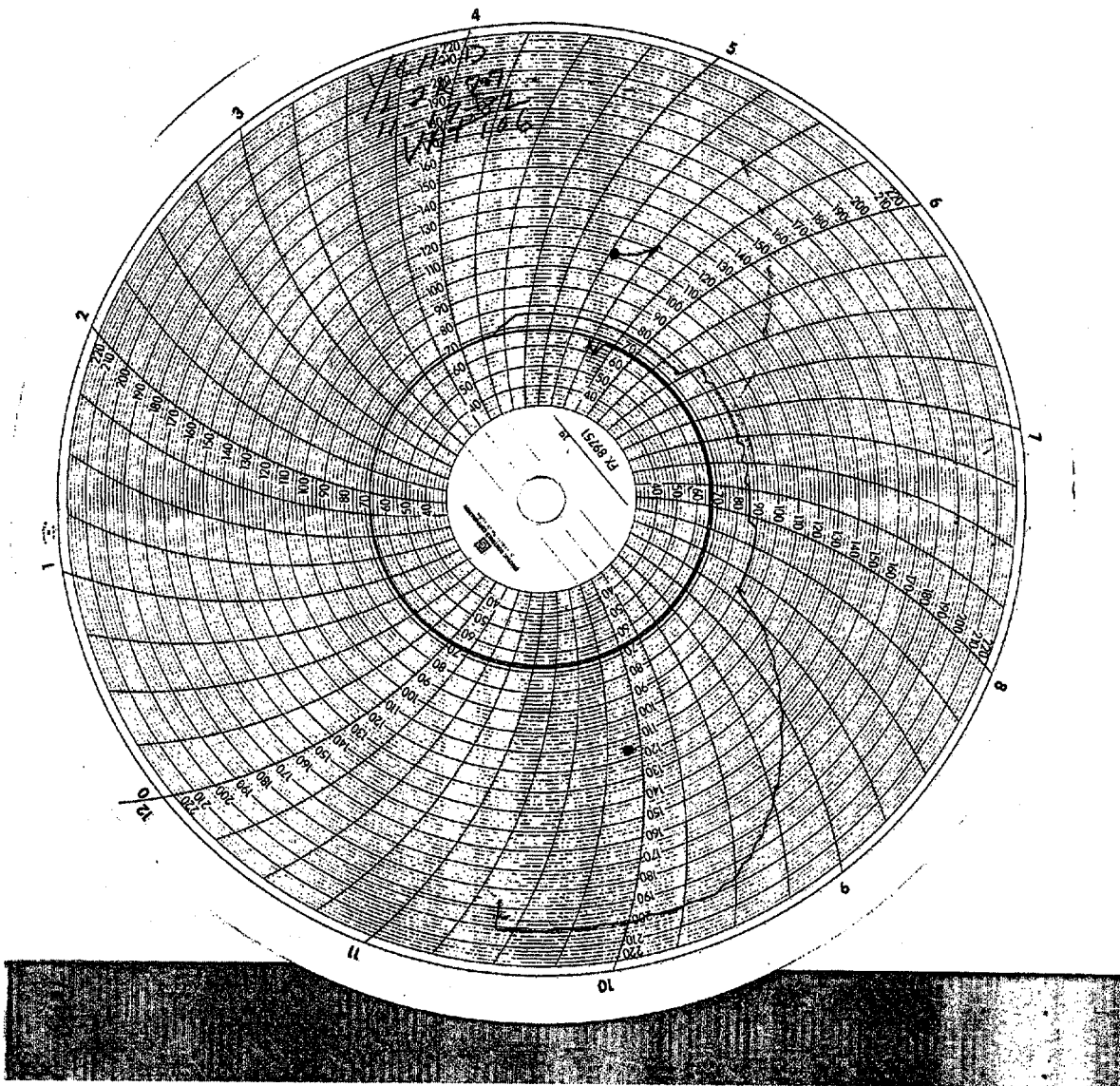
EQUIP MENT		PAGE 04 OF 04 CG 46 CODE YC-11-A (C)	USE LBS	N-CODE	ACCT LBS
CV	43	DUMP IN N-979-D IGEAL CO-630 FROM S35			
10	44	HEAT TO 200-204 DEG F IN 58-62 MIN			
CON'D	45	STIR 60 MIN AT 200-204 DEG F			
		RECORD: TIME START <u>9:20 PM</u>			
	46	FLOOD TO 94" (9174 G) & STOP AGITATOR			
START <u>12:45 P</u> <u>3:00 PM</u> FINISH <u>3:00 P</u> <u>10:30 PM</u> OPTR <u>126</u> <u>409</u>					

CODE: YU-11-A LOT L2K77
V-SS7-C - CHECK-WEIGH & CALCULATE

V-557-C CHECK-WEIGH & CALCULATE

NEWARK CHECK-WEIGH

N-1 46-C			N-1 46-C			N-1 46-C				
20420	227	14	213	200	20420	227	14	213	200	
20430	227	14	213	200	20430	227	14	213	200	
20420	221	14	207	200	20420	221	14	207	200	
20420	221	14	207	200	20420	221	14	207	200	
20420	221	14	207	200	20420	221	14	207	200	
ENTMAN	214	14	200	200	ENTMAN	214	14	200	200	
Stump			65			Stump			65	



904
460

444

04

566 USE #
OF N-28