

CG 46 CODE YT-820-D PKG

PROCESSES

APPROVED BY

JAN 18 1982

A2J76

() YT-820-D (D)

EWK 10/21/81

(DATE)

(LOT NUMBER)

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TYPED BY: JMH

EST. WT. 2563* LBS.

STANDARD HRS. 8.8

TIME 7A M

PREPARATION NOTES:

~~Done Backer and V-300-300~~~~West Press~~

RUN 145 N-3 Then wet

BLEEDING

EQUIP MENT	NAME: DALAMAR YELLOW - R	USE LBS	N-CODE	ACCT LBS
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PREP	1	OBTAIN 3-NITRO-4-AMINOANISOLE FOR S6		396-C	
1	2	OBTAIN ACETOACET ORTHO ANISIDIDE FOR S22		46-C	
	3	CLEAN, DRESS, CLOSE 24" CLARIF PRESS - 15 FRAMES			

DV	1	RUN 17" (595 G) WATER INTO V-300			
2	2	WEIGH IN HYDROCHLORIC ACID FROM V-324			
		M-5, 37.89 %	1870	28-D	559
	3	DUMP IN FROM S1 3-NITRO-4-AMINOANISOLE		196-C	274

LOT	% 100%	%
259	12	50.6
213	250	100.0

2086	916	110.0
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24
250

916

396-C

916

7	STIR 10 MIN OR LONGER TO WET			
8	ADJ TO 33" (1155G) AT 28-32* F (ICE)	10X330	57-A	3300
9	SIPHON IN SODIUM NITRITE IN 12-15 MIN			
	M-9, 33.36 %	1484	725-A	495
10	STIR 30 MIN AT 28-32 DEG F MAINTAINING + CR, + KI FOR S 12			
	RECORD: TIME START 12:45 PM 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

Jel

EQUIP MENT		PAGE 2 OF 3 CG 46 CODE YT-820-D (D)	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 S 10 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		57-A	
		RECORD: TIME START <u>1:20 PM</u> , CR <u>+</u> (+), KI <u>+</u> (+)			
		NOTE: (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	
CV 5	15	RUN 10" (970 G) WATER INTO V <u>106</u> & INSTALL TEMP CHART			
	16	POUR IN SODIUM HYDROXIDE <u>M 14</u> , <u>49.79%</u>	<u>1143</u>	7-D	569
	17	ADJ TO 40" (3880 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>30</u> (28-32 F)		57-A	
		NOTE: (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	
	21A	TURN ON V- <u>33</u> AGITATOR. CHOP & ADD ICE THEN TURN OFF AGITATOR.	2X330	57-A	<u>660</u>
	21B	PUMP DV THRU CLARIF PRESS INTO DV MAINTAINING TEMP AT 28-32 DEG F RECORD: TIME START <u>2:00 PM</u> TOTAL MIN <u>225</u>			
CV 7	22	DUMP ACETOACET ORTHO ANISIDIDE INTO CV FROM S2 LOT #100% %		46-C	1547
		<u>QV 6027-4</u> <u>1547</u> <u>100.0</u> <u>1547</u>			
	23	STIR 10 MIN TO DISSOLVE			
	24	OPEN STACK DAMPER			
	25	RUN IN ACETIC ACID UNDERSURFACE IN 20-25 MINS. <u>M 13</u> , <u>68.59%</u>	<u>1270</u>	30-D	871
	26	STIR 5 MIN & RECORD: PH <u>5.8</u> (5.8-6.3)			
	27	IF NECESSARY, ADJ TO PH 5.8-6.3 & RECORD PH _____ (5.8-6.3) SODIUM HYDROXIDE ASSUME 50% ACETIC ACID ASSUME 70%		7-D 30-D	

EQUIP MENT		PAGE 3 OF 3 CG 46 CODE YT-920-D (D)	USE LBS	N-CODE	ACCT LBS
DV 8	25	WHEN S 21 CLARIF COMPLETE, WASH DV (S 4) 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 (S 21)			
	29	STIR 5 MIN & RECORD: TEMP <u>28</u> (28-32°F) & IF NECESSARY, ADJ TO 28-32°F. RECORD <u> </u> *F		57-A	
	30	WEIGH SULFAMIC ACID IN RUBBER BUCKET & WASH INTO DV	15	395-D	15
	31	STIR 5 MIN & RECORD: KI <u>+</u> (-)			
	32	IF NECESSARY, ADJ TO -KI (SULFAMIC ACID) AND RECORD KI <u>-</u> (-)	<u>40</u>	395-D	
	33	RECORD: VOL <u>54</u>			
MISC 9	34	WEIGH SODIUM HYDROXIDE IN DRUMS FOR S41 M <u>14</u> <u>49.77</u> %	<u>677</u>	<u>2-D</u>	337
	35	DISSOLVE IGEPAI CO-630 IN 20 GAL WATER IN DRUMS FOR S43	50	979-D	50
CV 10	36	WHEN S 33 COMPLETE, ADJ CV TO 43" (4197 G) AT 80-84 DEG F			
	37	CHECK ACCURACY: HT <u>82</u> DEG F & <u>80</u> RECORDER <u> </u> DEG F			
	38	IMMEDIATELY RUN IN DV THRU UNDERSURFACE DISTRIBUTOR IN 60-65 MIN. MAINTAIN CV AT 80-84°F.			
		RECORD: TIME START <u>6:00 PM</u> , TOTAL MIN <u>65</u>			
	39	STIR 10 MIN. DISCONNECT TRANSFER LINE AT CV IMMEDIATELY			
	40	RECORD: DIAZO <u>-</u> (-), BASE <u>+</u> (+), PH <u>4.3</u> (4.3-4.7) NOTE: (1) IF DIAZO +, BASE -, & PH BELOW 4.3: (A) ADJ TO PH 4.3-4.7 SODIUM HYDROXIDE ASSUME 50% (B) RECORD: PH <u> </u> (2) IF DIAZO +, BASE - & PH ABOVE 4.3 ADD 8% 100% N-7-D SODIUM HYDROXIDE ASSUME 50% TO A 55G DRUM. ADJ WITH WATER TO +/-25G ADD 20% 100% N-46-C AND STIR TO DISSOLVE, POUR IN CV AND STIR 10 MIN. (3) REPEAT ABOVE AS NECESSARY TO - DIAZO, + BASE		7-D	
	41	POUR IN N-7-D SODIUM HYDROXIDE FROM S34 & STIR 5 MIN.			
	42	RECORD PH <u>5.7</u> (7.1-9.0) & IF NECESSARY ADJ PH 7.1-9.0 SODIUM HYDROXIDE ASSUME 50% <u>100</u>		7-D	<u>50</u>
		RECORD: PH <u>7.6</u> HYDROCHLORIC ACID ASSUME 32% <u>28-D</u>			
	43	DUMP IN N-979-D FROM S 35			
	44	HEAT TO 200-204 DEG F IN 58-62 MIN			
	45	STIR 30 MIN AT 200-204 DEG F			
		RECORD: TIME START <u>10:00 PM</u>			
	46	FLOOD TO 94" (9174 G) AND STOP AGITATOR			
		START <u>7:10 PM</u> FIN <u>3:00 PM</u> OFTR <u>237</u> <u>3:00 PM</u> <u>10:35 PM</u> <u>166</u>			

