

3/01/82

C. 100

D.V. 303, 315, 317, 322, 323

PROCESSES
() RT-539-D (N)

APPROVED BY
JUG 3/18/81
EWK 12/2/81

JUN 30 1987

G2H28

(DATE)

(CLOT NUMBER)

EST. WT. 457 ~~440~~ LBS.

STANDARD HRS.

TIME M

[illegible]

EAST Press

SEMI-BLEEDING

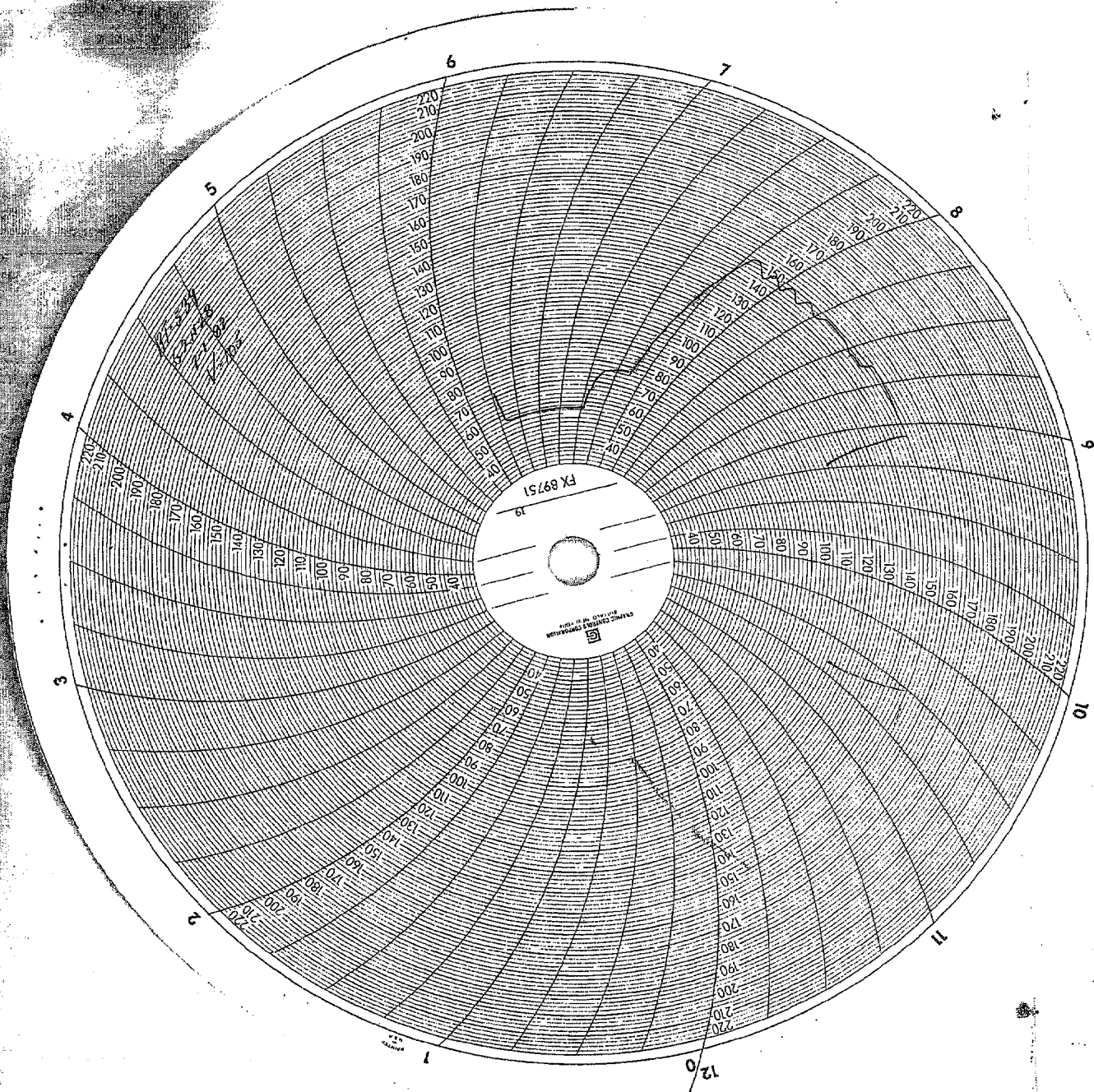
EQUIP MENT	NAME: NAPHTHANIL RED DARK	USE LBS	N-CODE	ACCT LBS
MISC 1	NOTE: N24C (4NITRO-2 AMINOANISOLE HYDRO- CHLORIDE) IS AN EXPERIMENTAL CARCINOGEN. ALTHOUGH MONITORING VERIFIES WE ARE WELL BELOW THE RECOMMENDED EXPOSURE LEVEL, IT IS ESSENTIAL THAT YOU ADHERE STRICTLY TO THE SAFETY RULES WHEN HANDLING N24C. THIS IN- CLUDES RUBBER GLOVES, LONG SLEEVES, SAFETY GLASSES, RESPIRATOR AND WASH UP AFTERWARDS. SEE YOUR SUPERVISOR IF YOU HAVE QUESTIONS. OBTAIN 4-NITRO-2-AMINOANISOLE HYDROCHLORIDE FOR STEP 6 OBTAIN METANITROANILIDE OF B-HYDROXY NAPHTHOIC ACID FOR STEP 31. CLEAN, DRESS, CLOSE 24" CLARIF PRESS 15 FRAMES		24-C,D 151-C	
EV 2	4 RUN 12" (398 G) WATER INTO V-322 5 RUN IN HYDROCHLORIC ACID FROM V-324 M. 1, 29.89% 6 DUMP IN FROM S1 LOT ±100% 4-NITRO-2- 612 163 70.2 AMINOANISOLE HYDROCHLORIDE 7 ADD 20# SODIUM NITRITE IN 4-6 MIN. 8 STIR 15 MIN TO WET 9 ADJ TO 21" (710G) AT 28-32 DEG F 10 SIFON IN SODIUM NITRITE IN 4-6 MIN. M. 9, 33.36% 11 STIR 5 MIN & RECORD: CR (+) KI (+) NOTE: (1) IF CR-, KI- ADD 20# "AS IS" IN- CREMENTS. HYDROCHLORIC ACID ASSUME 32% RECORD: CR (+) KI (+) (2) IF CR+, KI-, ADD 10# "AS IS" INCREMENTS SODIUM NITRITE ASSUME 33% RECORD: CR (+) KI (+) 12 STIR 30 MIN AT 28-32 DEG F MAINTAINING +CR +KI FOR S17 RECORD TIME START 5:30 P	201 232 6X330 207 JUL 2 1982	28-D 24-C,D 57-A 725-A 28-D 725-A	60 163 1980 69
MISC 3	12 SLURRY IN 40 GAL WATER IN DRUM & PRECOAT CLARIF PRESS WITH	5	77-A	5
202 OR 314	13 RUN 5" (60G) WATER INTO V-314 14 POUR IN SODIUM HYDROXIDE ASSUME 50% 15 POUR IN ACETIC ACID & STIR 3 MIN ASSUME 70%	78 77	7-D 30-D	39 58

EQUIP MENT		PAGE 2 OF 3 CG 40 CODE RT-539-D (N)	USE LBS	N-CODE	ACCT LBS
4 CONT.	15	RECORD: PH <u>7.2</u> (6.5-7.5) & IF NECESSARY ACETIC ACID ASSUME 70% ADJ TO PH 6.5-7.5 RECORD PH _____ SODIUM HYDROXIDE ASSUME 50%		30-D 7-D	
DV 5	17	WHEN S11 STIR COMPLETE, TEST DV & RECORD: CR <u>+</u> (+) KI <u>+</u> (+) TEMP <u>72</u> 28-32°F NOTE: (1) IF CR-, KI-, ADD 20# "AS IS" INCRE- MENTS HYDROCHLORIC ACID ASSUME 32% RECORD: CR _____ (+) KI _____ (+) (2) IF CR+, KI-, ADD 10# "AS IS" INCREMENTS SODIUM NITRITE ASSUME 33% RECORD: CR _____ (+) KI _____ (+)		57-A 28-D 725-A	
	18	WEIGH SULFAMIC ACID IN RUBBER BUCKET AND WASH INTO DV	5	395-D	5
	19	STIR 5 MIN & RECORD: KI <u>+</u> (-)			
	20	IF NECESSARY, ADJ TO -KI & RECORD: _____ (-)	5	395-D	5
	21	DUMP IN ACTIVATED CARBON	25	113-B	25
	22	DUMP DICALITE FILTER AID IN & STIR 15 MIN.	10	777-A	10
	23	TURN ON V- <u>313</u> AGITATOR ADD ICE, THEN SHUT OFF AGITATOR	2X330	57-A	<u>660</u>
	23A	PUMP DV THRU CLARIF PRESS INTO DV USED IN S23 MAINTAINING TEMP AT 28-32°F. RECORD: TIME START <u>6:30 P</u> TOTAL MIN <u>45</u>			
	24	WHEN S23 CLARIF COMPLETE, WASH DV (S4) LINES, PUMP & PRESS FOR 20 MIN OR TO A -CR TEST ON A SMPL OF TOTAL PRESS EFFLUENT, WHICHEVER COMES FIRST, COLLECT WASHINGS IN DV (S23)			
	25	STIR 5 MIN & RECORD: TEMP <u>32</u> (28-32 F) AND IF NECESSARY ADJ TO 28-32 DEG F AND RECORD <u>32</u> DEG F		57-A	
	26	RECORD: VAT <u>24</u> AND HOLD FOR S45			
	105 6	27 INSTALL V- <u>105</u> TEMP CHART & SET AGITATOR AT 16 RPM			
	128	RUN IN 20" (1988G) WATER			
330 7 313	129	RUN <u>21"</u> (457 G) WATER INTO V- <u>330</u> <u>313</u>			
	130	SLURRY IN 20G WATER AND POUR IN TRISULPHOIL SOAP D	13	39-A	13
	131	DUMP IN META NITROANILIDE OF B-HYDROXY NAPHTHOIC ACID FROM S2 LOT <u>7634</u>	308	151-C	308
		AND STIR 10 MIN. TO WET FOR S38.			
MISC 8	132	WEIGH SODIUM HYDROXIDE IN BUGGIE & HOLD FOR S35 ASSUME 50%	156	7-D	78
	133	WEIGH ACETIC ACID IN RUBBERLINED DRUM AND HOLD FOR S39 M. <u>2</u> <u>68.24</u> %	85	30-D	58
	134	WEIGH SODIUM HYDROXIDE IN BUGGIE & HOLD FOR S35 ASSUME 50%			
		NOTE: (1) DO NOT PROCEED WITH BATCH (S'S 35 THRU 50) UNTIL S26 CLARIFICATION COMPLETE (2) WHEN S26 COMPLETE PROCEED WITH BALANCE OF BATCH WITH NO DELAYS TO PREVENT N-151-C SOL'N HYDROLYSIS RESULTING IN BLUE TINE. (3) SUPV'R WILL PROVIDE RELIEF IF NECESSARY			

2/26/82

EQUIP- MENT	PAGE 3 OF 3 CG 40 CODE RT-539-D (N)	USE LBS	N-CODE	ACCT LBS
330 9	35 WHEN S26 COMPLETE, POUR IN N-7-D FROM S32 36 HEAT TO 155-162°F AFAP RECORD: MIN <u>10</u> 37 STIR 5 MIN TO DISSOLVE FOR S38. RECORD: SOLUTION COLOR <u>✓</u> (DARK BROWN) CLARITY <u>✓</u> (MUST BE CLEAR) NOTE: IF SOLUTION NOT DARK BROWN & CLEAR, HEAT TO 185-192°F AFAP AND RECORD: COLOR <u>✓</u> (DARK BROWN) CLARITY <u>✓</u> (MUST BE CLEAR)			
165 10	38 WHEN S37 COMPLETE WITH V- 165 AGITATOR OFF, IMMEDIATELY RUN N-330 INTO V-260 AFAP 39 IMMEDIATELY TURN ON V- 165 AGITATOR & SIPHON IN N-30-D FROM S33 IN 5-8 MIN. 40 STIR 5 MIN ONLY & RECORD PH <u>11.7</u> (11.0-12.0) 41 IF NECESSARY, ADJ TO PH 11.0-12.0 SODIUM HYDROXIDE ASSUME 50% RECORD PH <u>✓</u> ACETIC ACID ASSUME 70% 42 RUN IN V-302 OR V-314 FROM S16 43 44 HEAT TO 148-152°F IN 15-20 MIN AND RECORD: HT <u>110</u> °F AND REC <u>151</u> °F 45 WHEN S44 COMPLETE, IMMEDIATELY COUPLE DV UNDERSURFACE IN 65-70 MIN. MAINTAIN CV AT 148-152°F. RECORD START <u>7:45 P</u> TOTAL MIN <u>68</u> 46 STIR 5 MIN & RECORD: DIAZO <u>✓</u> (- OR +) BASE <u>✓</u> MUST BE + PH <u>4.5</u> (4.5-5.0) 47 STIR 15 MIN & DISCONNECT TRANSFER LINE AT CV RECORD: START <u>8:00 P</u> 48 WHEN S47 STIR COMPLETE, TEST CV AND RECORD: DIAZO <u>✓</u> MUST BE - BASE <u>✓</u> (MUST BE +) FOR BOTH HEALTH AND SAFETY REASONS, IF RT-539-D FINISHES WITH A + DIAZO, WHEN IT DRIED, IT CAN PRESENT A THREAT OF FIRE OR EXPLOSION ON GRINDING IN FINISHING AREA. SEE YOUR SUPERVISOR IF THERE ARE ANY QUESTIONS. 49 IF S48 DIAZO IS + AND BASE IS ALSO + SIFT IN 20# N-3-A, SODIUM CARBONATE, & STIR TO - DIAZO. WATCH FOAM. RECORD: DIAZO <u>✓</u> MUST BE - BASE <u>✓</u> MUST BE + PH <u>✓</u> (4.8-5.2) TOTAL MIN SINCE S43 <u>120</u> 50 FLOOD TO 82" (8126 G) AND STOP AGITATOR VAT - V-303 V-315 V-317 V-322 V-323 S4 (398G) 16" 12" 12" 12" 12" S8 (710G) 29" 21" 21" 21" 21" START FIN OPTR <u>8:00 P</u> <u>9:00 P</u> <u>209</u>		7-D 30-D	
			3-A	

DUP050463613



N32566.01

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