

CG 03 CODE KY-908-D PKG.

→ DEC 14 33312
EST. WGT. 2106 LBS.

STD. HRS. TIME 5 P M

14 YC-3-B 93 4 Lot 23863, 3500#
14 YC-3-B 93 4 Lot 23866, 2000#
14 YC-3-B 93 4 Lot , #

PROCESSES		APPROVED BY
() KY-908-D (F)		EWK 12-12-77
() Alternate ()		DCG 12-14-77
()	()	MTW 12-19-77
()	()	FWP 03-27-79
TYPED BY		
emw032879		

Total Wgt 7606#

NON-BLEEDING

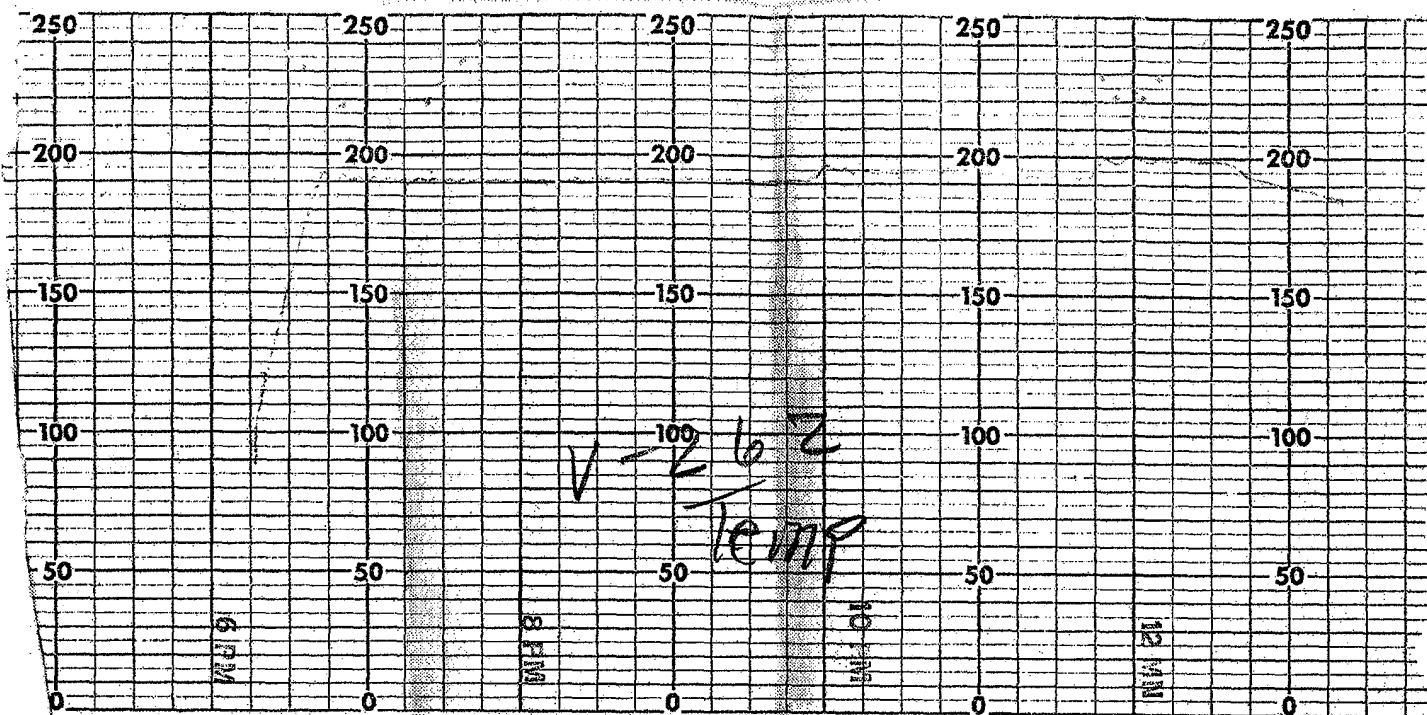
INPIENT	NAME: KROLOR® YELLOW LIGHT	USE LBS.	N CODE	ACCT. LBS.
203 & 205	1 Run 50" (827 G) water into V-203			
	2 Pour in	730	32-D	730
205	3 Dump in	110 x 50	YC-3-B	5500
1	Record: Start 8:10 A.M.			
	Fin 9:15 A.M.			
	75" (1275 G)			
	4 Adj to 80" (1360 G)			
	5 Pump V-203 thru Homog at 2400-2600 psi into V-205			
	6 When V-203 MTY, wash color thru Homog at 1800-2200 psi using minimum water. Use Hot Water			
	7 Record: V-205 Vol " & adj to 54" (1900 G)			
	8 Inspect Homog strainer & clean if necessary			
SV & 205	9 Run 2" (200 G) into V-262. Install temp chart & start agitator			
2	10 Pump V-205 thru Homog at 4800-5200 psi into SV			
	Record: Time Start 4:45 PM Total Min 195			
	NOTE: If Homog pressure falls below 4800 psi 3-way valve will recirculate slurry to V-205			
	11 When V-205 MTY, run in 5" (240 G) water & pump thru Homog at 4800-5200 psi. Rinse in using Hot Water			
349 & 384	12 While Homog, run 6" (248 G) water into V-349			
	13 Run ±1000 # water into V-384 & heat to 110-120°F			
3	14 Weigh into V-384 & pump to V-349	2570	32-D	2570
	15 Run ±1000 # water into V-384 & pump to V-349			
	16 Adj V-349 to 25" (1163 G) & stir 15 min or longer			
	17 Record: ϕ_{Be} 1.015 (10.45 ± 0.2) (1.074-1.078)			
SV & 4	18 When S 11 Homog complete, adj SV to " (2100 G)			
	19 Record: pH 9.9 & adj to 11.0-11.2 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50%	50	7-D	25
	Siphon into SV & Record: pH 11.1			
	20 Heat to 190-194°F in 35-45 min & Record: HT °F & Rec °F			
	NOTE: Strike must be started immediately on completion of heating			
343 & 386	21 While heating SV, run 56" (1520 G) water into V-343			
	22 Meter in from V-386 M 81, 9.818 #/Gal 38.7 Gal	528	27-D	380
5	23 Stir 15 min or longer			
	24 Record: ϕ_{Be} 1.018 (2.75 ± 0.1)			
	8/ml (1.016-1.019)			

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EQUIPMENT		PAGE 2	CG 03	CODE KY-908-D (F)	EST. WGT. 7606 LBS.	USE LBS.	N CODE	AC LB
SV 6	25	When S 22 heating complete, Record: pH 9.5 (7.5-10.0)						
	26	Wet V-343 acid pump at 69 setting (± 255 min)						
	27	Set V-349 silicate pump at 60 setting (± 210 min)						
	28	Immediately meter in V-343 & 349, maintain SV at 190-194°F during strike						
	29	Record: Start Finish Minutes						
		V-343	9:30 PM	2:00 AM	270			
357 7		V-349	9:30 PM	1:10 AM	220			
		Record:	Time	V-343 in	V-349 in	SV pH	Normal pH	
		at 20 min	9:50 PM	(52) 52	(22) 22	9.5	9.3-10.0	
		40 min	10:20 PM	(48) 48	(20) 20	9.5	9.3-10.0	
		1 hr	10:30 PM	(43) 43	(18) 18	9.5	9.3-10.0	
		2 1/2 hrs	11:45 PM	(27) 50 -	(7) 8 +	9.5	9.3-10.0	
		3 1/2 hrs	1:00 AM	(10) 12 +	(0) 1 +	9.5	9.3-10.0	
		Finish	12:00 AM	(0) -		7.5	7.5-8.5	
		NOTE: 1) If pH not as specified, notify Supervisor & note in log						
		2) If final pH is above 8.5, adj pH to 7.5-8.5 & Record: pH Assume 78%						
357 7	30	Sift in				250	27-D 128-A	250
	31	Run 29" (210 G) water into V-357 & heat to 135-140°F						
302 8	32	Dump in & stir to dissolve for S 60				500	15-A	500
	33	Add 24" (294 G) water to V-302						
PT 9	34	Add & stir 2 min for S 63				120	7-D	60
	35	During strike pump into PT				680	169-A	680
356 10	36	Pump in				76	155-A	76
	37	Pump in				76	160-A	76
356 10	38	Stir 10 min with lightning mixer for S 42						
	39	During strike, run 18" (317 G) water into V-356						
356 10	40	Turn on steam						
	41	Adj to 23" (403 G) at 81-82°C						
356 10	42	Pump PT mixture from S 38 thru undersurface distributor A F A P						
	43	Rinse PT with hot water form hot water mixer & pump in						
356 10	44	Shut off pump						
	45	Stir 30 min at 81-82°C for S 54						
356 10	46	Do not shut off agitator						
	47	When V-349 MTY, rinse in with minimum water then set pump to zero setting						
SV 11	48	When V-343 MTY, rinse in with minimum water then turn off pump motor						
	49	Heat to 198-200°F in 5-10 min						
SV 11	50	Close water line & discharge valves at stearate pump						
	51	Open V-356 discharge valves to stearate pump inlet						
SV 11	52	Open water valve at stearate pump & run water thru Homog at 2900-3100 psi to sewer						
	53	While Homog water at 2900-3100 psi, open Homog discharge valve to SV & close valve to sewer						

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EQUIPMENT	PAGE 3	CG 03	CODE KY-908-D (F)	EST. WGT.	7606 LBS.	USE LBS.	N CODE	ACC LBS.
SV 11 cont'd	54	Immediately open stearate pump discharge valve, turn on pump & Homog V-356 to SV at 2800-3100 psi. Maintain SV at 198-200°F						
	55	While Homog V-356 to SV, shut off water valve at stearate pump A S A P						
	56	When Homog complete, rinse in V-356 with hot water from hot water mixer						
	57	When S 56 complete, turn off Homog & stearate pump						
	58	Stir 5 min at 198-200°F						
	59	Shut off steam						
	60	Run in V-357 from S 32 & stir 5 min						
	61	Record: pH <u>3.1</u> (3.3-3.7)						
	62	If necessary, adj pH to 3.3-3.7 (Downward only) & Record: pH					15-A	
	63	Run in N-7-D from S 34 in 4-6 min & stir 5 min						
	64	Record: pH <u>3.5</u> (4.2-4.4) & if necessary, adj to pH 4.2-4.4 & Record: pH <u>4.2</u>				Assume 78%	27-D	
		(Dilute 10 parts water to 1 part N-7-D)				Assume 50%	80 7-D	40
		Siphon N-7-D into SV						
	65	Do not stop agitator						
		Step	V-262 (20 RPM)	V-243, 244, 246, 247				
		9	2"	4"				
		18	21"	42"				
		START	FINISH	OPTR				
		7:00 AM	3:00 PM	438-409				
		3:00 PM	11:00 PM	300-244				
		11:00 PM	4:00 AM	235-342				
1 ST PASS - 3 3/4 HRS DELAY ✓ AT 203 OUTLET BLOCKED UP WITH PARTS FROM BAG KNIFE								



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