

246.247
04 CODE KO-789-D PKG.

C.V.

D.V.

JAN 19 33897

762 1132-LB.

PROCESSES		APPROVED BY	
() KO-789-D	(I)	EWK 09-21-76	
()	()	DCG 09-21-76	
()	()	MTW 10-02-76	
()	()	FWP 02-05-79	
TYPED BY			
EMW020579			

10.8 TIME

01 YC-16-B 93
01 YC-16-B 93
01 YC-16-B 93

TIME

Lot 33609, 200#
Lot 32515, 200#
Lot 32520, 1500#

01 YC-16-B 93 33656 1200

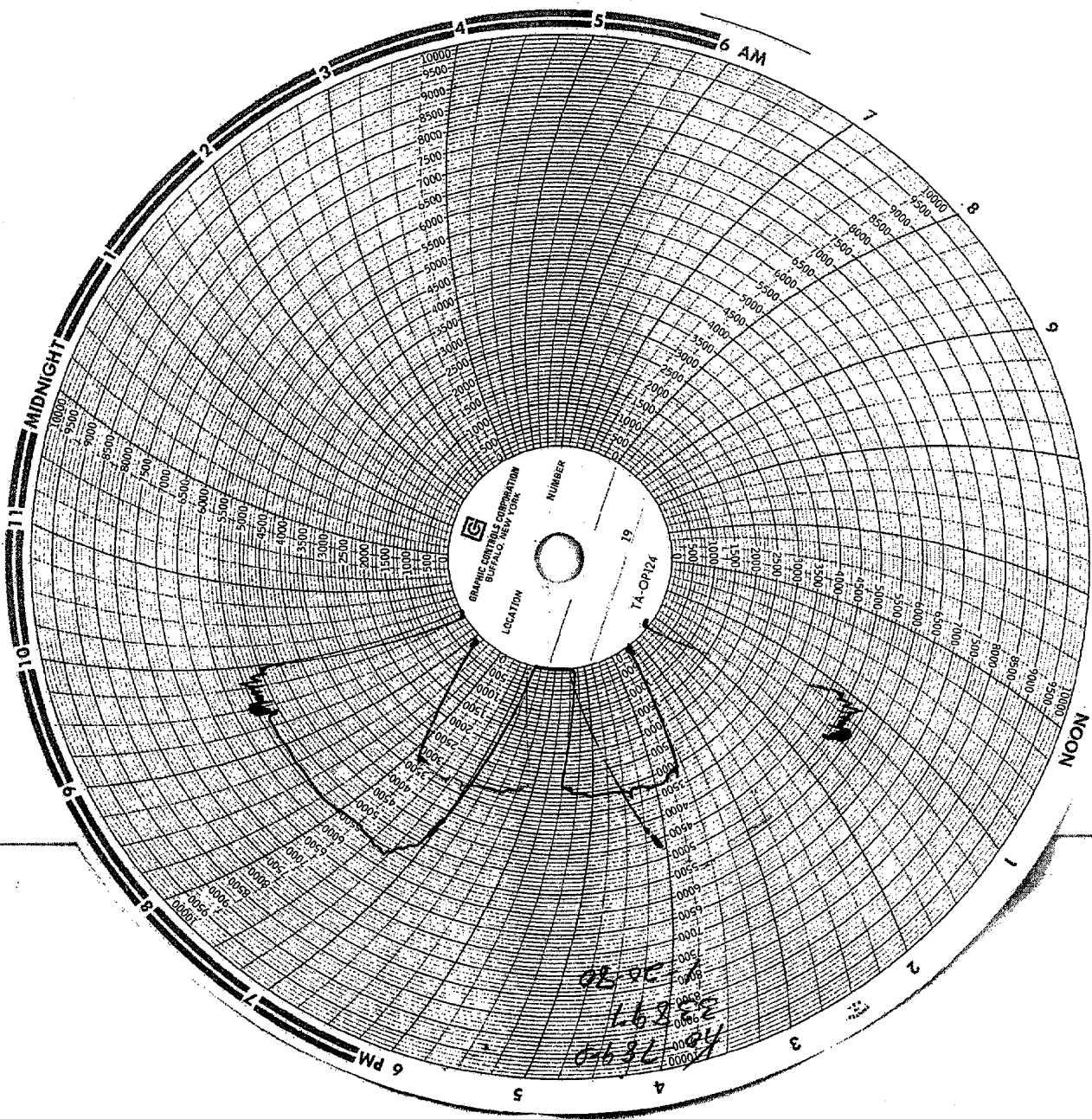
Total Weight 5232# (Reg)

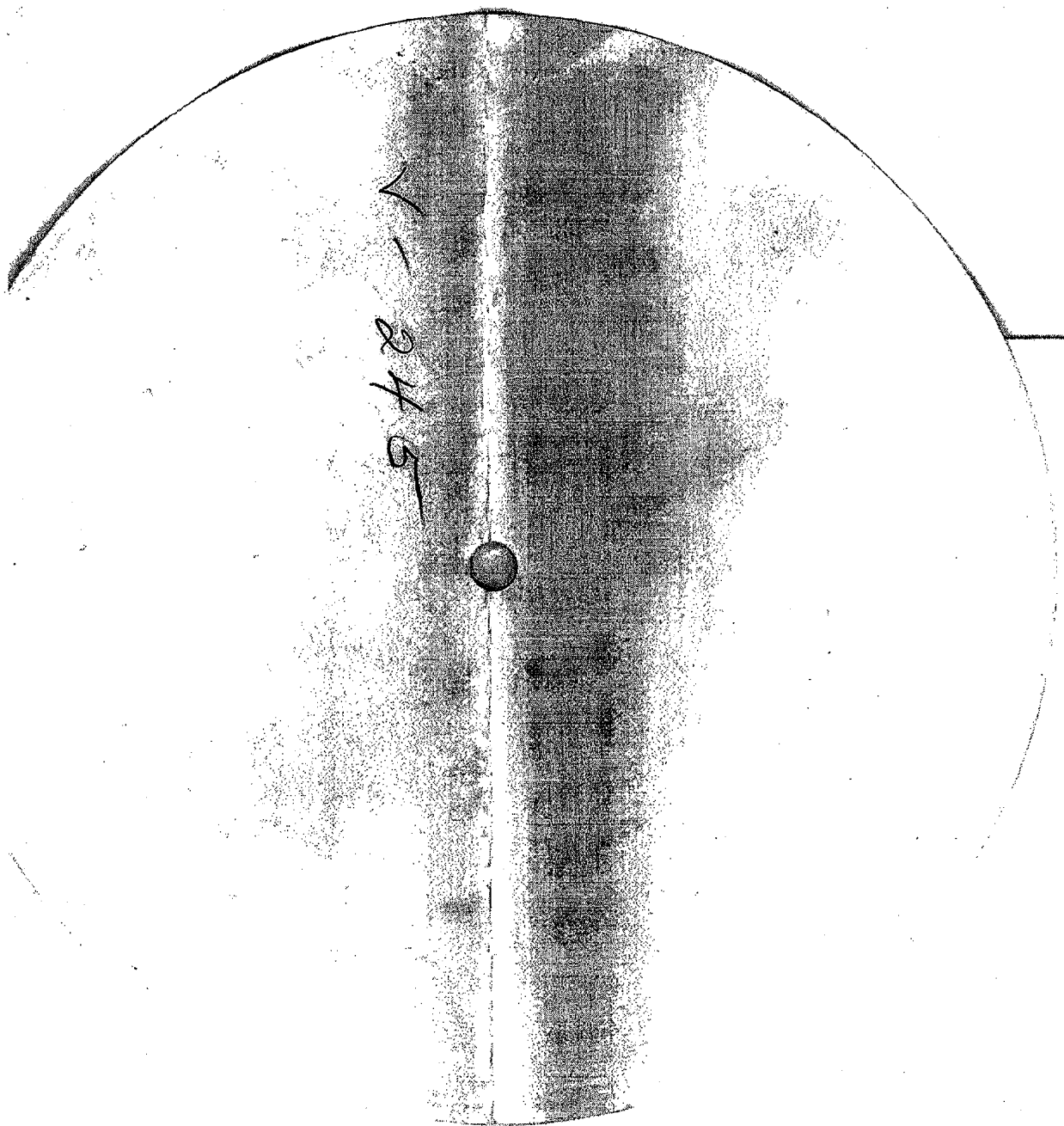
NON-BLEEDING

NAME: KROLOR® ORANGE Y		USE LBS.	N CODE	ACCT. LBS.
211	1 Run 60" (990 G) water into V-211			320
&	2 Weigh in drum & pour in	390.530	32-D	530
208	3 Dump in & stir 5 min	84 x 50	YC-16-B	4200
1	Record: Start 4:30 A.M.	33609		3100
	Fin 6:30 A.M.	32515		
		32520		
	4 Adj to 70" (1200 G)	2800-3300		
	5 Pump V-211 thru Homog #2 at 1800-2200 psi into V-208	33656		
	6 When V-211 MTY, wash color thru Homog at 1800-2200 psi using minimum water. Use Hot Water			
	7 Record: V-208 Vol 4.2" & adj to 54" (1890 G)			
	8 Inspect Homog strainer & clean if necessary			
208	9 Run 10" (514 G) water into V-245 & start agitator & install temperature chart			
&	10 Pump V-208 thru Homog at 4800-5200 psi into SV-245			
SV	Record: Time Start 7:20 P.M. Total Min 190			
2	NOTE: If homog pressure falls below 4800 psi, 3-way valve will recirculate slurry to V-208			
	11 When V-208 MTY, run in 5" (240 G) water & pump thru Homog at 4800-5200 psi. Rinse in using Hot Water			
349	12 While Homog, run 6" (284 G) water into V-349			
&	13 Run ± 1000# water into V-384 & heat to 110-120°F	1820		1280
384	14 Weigh into V-384 & pump to V-349	2930	32-D	2930
3	15 Run ± 1000# water into V-384 & pump to V-349			
	16 Adj V-349 to 30" (1400 G) & stir 15 min or longer			
	17 Record: 08 11.063 (10.0 ± 0.2) (1.061-1.064) 1.063			
SV	18 When S 10 Homog complete, adj SV to 45" (2300 G)			
4	19 Record: pH 10.6 & adj to 11.1-11.3 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50%	14	7-D	7
	Siphon N-7-D into SV & Record: pH 11.1			
20	Heat to 190-194°F in 55-65 min & Record: HT 192°F			
	& Rec 194°F			
	NOTE: Strike must be started immediately on completion of heating			
343	21 While heating SV, run 70" (1920 G) water into V-343			
&	22 Meter in from V-386	9.5537/Gal	30.4	27-D 440
386	23 Stir 15 min or longer			390
5	24 Record: 08 1.014 (2.5 ± 0.1) (1.012-1.015) 1.014			

V-245

MENT	PAGE 2 CG 04 CODE K0-789-D (1) EST. WGT.	5332 LBS.	USE LBS.	N CODE	ACCT. LBS.
SV	25 When S 20 heating complete, Record: pH <u>10.1</u> (9.6-10.2)				
6	26 Set V-343 acid pump at 85 setting (± 255 minutes) <u>65</u>				
	27 Set V-349 silicate pump at 22 setting (± 210 minutes) <u>54</u>				
	28 Immediately meter in V-343 & V-349. Maintain SV at 190-1940F during strike				
	29 Record: Start Fin Min				
	V-343 <u>1-15 AM</u> <u>4.45 AM</u> <u>255</u>				
	V-349 <u>5-30 AM</u> <u>210</u>				
	Record: Time V-343 in V-349 in SV pH Normal pH				
	at 20 min <u>1:35 AM</u> (<u>68</u>) <u>49 45</u> (<u>22</u>) <u>20 20</u> <u>9.8</u> 9.3-10.0				
	40 min <u>1:55 AM</u> (<u>68</u>) <u>45 45</u> (<u>24</u>) <u>18 18</u> <u>9.8</u> 9.3-10.0				
	1 hr <u>2:15 AM</u> (<u>55</u>) <u>41 41</u> (<u>24</u>) <u>16 16</u> <u>9.8</u> 9.3-10.0				
	2 1/2 hrs <u>3:30 AM</u> (<u>34</u>) <u>25 25</u> (<u>24</u>) <u>8 8</u> <u>9.7</u> 9.3-10.0				
	3 1/2 hrs <u>4:45 AM</u> (<u>18</u>) <u>9 9</u> (<u>0</u>) <u>0</u> <u>9.7</u> 9.3-10.0				
	Finish <u>5:30 AM</u> (<u>0</u>) <u>0</u> (<u>0</u>) <u>0</u> <u>8.1</u> 7.5- 8.5				
	NOTE: If pH drops below 9.3 in 1st hr, stop pumps & see Supervisor. If final pH is above 8.5, adj to 7.5-8.5 & Record: pH Assume 77%			27-D	
357	30 Run 33" (238 G) water into V-357 & heat to 135-1400F				
7	31 Pump in & stir to dissolve			15-A	
302	32 Add 42" (514 G) water to V-302				
8	33 Add & stir 2 min			7-D	
SV	34 When V-349 MTY, rinse in with minimum water then set pump at zero setting				
9	35 When V-343 MTY, rinse in with minimum water then turn off pump motor				
	36 Stir 30 min at 190-1940F then turn off steam				
	Record: Start <u>5:35 AM</u>				
	37 Run in V-357 from S 31 & stir 5 min				
	38 Record: pH (3.4-3.8) & if necessary, adj (DOWN ONLY) to 3.4-3.8 & Record: pH			15-A	
	NOTE: Dissolve extra N-15-A in water at 135-1400F in drum, use ± 30 G water to 50# N-15-A. Stir SV 5 min after each addition				
	39 Run in N-7-D from S 33 in 10-12 min & stir 5 min				
	40 Record: pH <u>4.7</u> (6.2-6.4) & if necessary, adj to pH 6.2-6.4 & Record: pH <u>6.2</u>			27-D	
	(Dilute 10 parts water to 1 part N-7-D)			7-D	
	Siphon N-7-D into SV				
	41 Pour in & stir 15 min			978-A	
	42 Stop agitator				
	START FIN OPTR				
	<u>7:00 A</u> <u>3:00 PM</u> <u>235</u>				
	<u>7:00 A</u> <u>7:30 AM</u> <u>235</u>				





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