

E1050

() YC-010-B (G)

FWP 04/14/81

(DATE)

(LOT NUMBER)

() () ()

COMTYP JOB NAME: 01YC010BMG

ESTIMATED WGT

5632 LBS.

24 STANDARD HRS.

TIME _____ M

EQUIP MENT	NAME: MOLYBDATE ORANGE	USE LBS	N-CODE	ACCT LBS
PREP	1. OBTAIN FOR S-22	84	108-A	84
1	2. WEIGH FOR S 25	65.04%	33-D	65
	3. OBTAIN FOR S-30	734	4-A	734
	4. OBTAIN FOR S-34	146	3-A	146
	5. OBTAIN FOR S-36	237	32-D	237
	6. OBTAIN FOR S-38	367	15-A	367
	7. OBTAIN FOR S-40	243	3-A	243
	8. WEIGH IN DRUM FOR S-42 M. 32.0%	70	28-D	70
	9. OBTAIN FOR S-42	70	711-B	70
351	10. WEIGH INTO V-351 CHECKED BY: #69 M 2/1/377%	3775	10-D	1885
2		1220		
359	11. WEIGH INTO V-359 CHECKED BY: #69 M 43, 39.00%	722	423-D	303
3			Chile	
SV	12. RUN 20" (996 G) WATER INTO V-242	1748	41-D	5110
4	13. RUN IN FROM V-354 CHECKED BY: #69 M 478, 29.2%			
	RECORD: G/ML 1.32 (1.270-1.328)			
	RECORD: PH 2.5 (2.2-3.7)			
	14. ADJ TO 79" (3770G) AT 67-69°F			
	RECORD: TEMP 68 °F		57-A	
	15. STIR 5 MIN & RECORD: PH 3.3 (2.2-3.7)			
	16. IF NECESSARY, ADJ TO PH 3.0-3.1 ASSUME 60%	2	33-D	1
	RECORD: PH 3.1			
	NOTE: DILUTE N-7-D 10:1 WITH WATER BEFORE			
	ADDING ASSUME 50%		7-D	
	17. RECORD: 1.138 G/ML (1.135-1.138)			
	NOTE: IF G/ML OUT OF LIMITS FILL OUT			
	CHECK LIST & ATTACH			
	18. STIR AT 67-69°F FOR S 28			
358	19. RUN 10" (500 G) WATER INTO V-358			
5	20. RUN V-359 INTO V-351 & PUMP IN V-351			
	21. ADJ TO 55" (2600 G)			
	22. SIFT IN N-108-A FROM S 1			
	23. STIR 5 MIN & RECORD: PH 9.3 (9.0-10.0)			
	24. ADJ TO PH 9.8-9.9 & RECORD: PH 9.8			
	ASSUME 50%	10	7-D	5
	ASSUME 60%		33-D	
	25. ADD N-33-D FROM S 2 (PUMP FROM V-351,			
	FLUSH WITH 1000# WATER)			
	26. ADJ TO 66" (3121 G) AT 67-69°F			
	RECORD: VOL 66" & 69°F			
	27. STIR 5 MIN & RECORD: PH 7.4 (7.4-7.6) &			
	G/ML 1.083 (1.080-1.083)			
	NOTE IF G/ML OUT OF LIMITS FILL OUT CHECK			
	LIST & ATTACH			

Vim

EQUIP	PAGE 2	CG 01	YC-010-B	EST WGT 5632#	USE LBS	N- CODE	USE LBS
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28 OBTAIN 1 QT SAMPLES OF S-18 & S-27
SOLUTIONS & TITRATE TWICE
RECORD: LOWEST PH 1.93 & ML N-10-D 7.40
LOWEST PH 1.95 & ML N-10-D 7.41
NOTIFY SUPV IF ML N-10-D IS NOT IN RANGE
6.8-7.1 OR IF THE TWO TITRATIONS DIFFER
BY MORE THAN 0.10 ML N-10-D (IF YES,
FLUSH ALL EQUIPMENT & REPEAT TITRATIONS)
DO NOT PROCEED IF N-10-D TITRATION IS OUT
OF RANGE
ADJUST V-358 TO OBTAIN A TITRATION PH = 2.05
(2.00-2.10)

33-D
7-D

SV 6 29 WHEN S-28 TITRATION OK, STRIKE V-358 THRU
BOTH UNDERSURFACE DISTRIBUTORS INTO SV IN
16-18 MIN
RECORD: START 6:30 PM TOTAL MIN 12
NOTE: STRIKE TIME UP WHEN 1/2 VAT BOTTOM SHOWS
& BUBBLES APPEAR IN SIGHT GLASSES
30 IMMEDIATELY DUMP IN N-4-A FROM S 3 & SET TIMER
FOR 15 MINUTES
31 DURING S 30, WASH IN V-358
32 STIR 2 MIN & RECORD PH 1.9 (1.8-2.5)
PBXS, (MUST BE +)
33 STIR TOTAL OF 15 MIN FROM S-30 &
RECORD: TEMP 72 *F (67-73 *F)
34 DUMP N-3-A FROM S-4
35 STIR 3 MIN
36 POUR IN N-32-D FROM S-5
37 STIR 2 MIN
38 DUMP IN N-15 FROM S-6
39 STIR 3 MIN
40 DUMP IN N-3 FROM S-7
41 STIR 4 MIN FOR S-44

DRUM 7 42 DURING S-41 SIFT N-711-B FROM S-9 INTO DRUM
OF N-28-D FROM S-8 IN 1-2 MIN.
43 STIR 1-2 MIN WITH PADDLE TO MILKY SOLUTION

SV 8 44 WHEN S-41 COMPLETE, IMMEDIATELY POUR N-711-B
SOLUTION GRADUALLY OVER 5 MIN PERIOD INTO SV
WATCH FOAM!!! IF FOAMING IS EXCESSIVE, STOP
POURING UNTIL FOAM SUBSIDES
45 DUMP IN
46 STIR 10 MIN
47 RECORD: PH 5.9 (5.8-6.0)
48 IF NECESSARY, ADJ TO PH 5.8-6.0
& RECORD: PH
49 RECORD: TIME 7:30 PM
50 FLOOD TO 153" (7619 G)
51 STOP AGITATOR

350 128-A 350
7-D
33-D

ASSUME 50%
ASSUME 66%

START FINISH OPTR HELPER
3:00 PM 7:35 PM 86 169

92
7/12

ATTACHMENT I

PRODUCT NAME = MOLYBDATE ORANGE

CG 01 CODE YC-010-B PKG

LOT E1050

EST'D WGT 5632

TOTAL EST'D WGT= LBS (CRT ENTRY)

NON-BLEEDING

PROCESSES APPROVED BY
YC-010-B (G) F. POST 4/14/81
ALTERNATE
TYPED BY JMH

MAKING NOTES

JOB NAME: 01YC010BPG

INSTRUCTIONS

J.M.

PRESSING

RECORD

VAT
DATE
TIME
RELEASED BY
PRESS 2 92 93
NO. OF CAKES 54 54 54
PRESS WITH AGITATION
WASH TO 2000 OHMS WITH 35-75 F WATER
TEST AFTER 2 HOURS
LOAD ON 7 CARS

	1ST	2ND	3RD	4TH	5TH
PRESSLOAD					
STARTED	10 PM				
CAKES USED	154				
WATER ON	1 AM				
HRS. WASHED	2				
OHMS	2,000				
HRS. WASHED					
OHMS					
HRS. WASHED					
OHMS					
CAKE CONDITION	8				
NO CARS LOADED					
EXPLAIN LOSSES					

SAMPLES
DELIVER TO

SAMPLED BY
RELEASED BY J.M.

DRYING

(EXTRUDED) DRY 10 HRS AT 240 DEG F
(NOT EXTRUDED) DRY 10 HRS AT 240 F

LUMP: - OK - WET - SALTS - CONTAMINATED

No record of any processing losses

ADDITIONAL DRYING HOURS REQUIRED

SAMPLES
DELIVER TO

NO CARS PULLED
SAMPLED BY
RELEASED BY
NO DRUMS 17
LUMP WGT 5292
J.M.

GRINDING

MILL MIKROATOMIZE SCREEN
MAX. TEMP DEG F
SET ROOF BLAST - GATE AT 9" FOR
HIGH AIR FLOW

SCREEN RPM
MAX. TEMP. F

EXPLAIN LOSSES

SAMPLE WITHOUT MIXING
SAMPLES
DELIVER TO CTL

DATE MIXED
SAMPLED BY
RELEASED BY

1050
4100
158

0.00 *

3.44 +

0.12 -

3.68 +

0.12 -

3.50 +

0.12 -

3.51 +

0.12 -

3.03 +

0.12 -

3.04 +

0.12 -

3.15 +

0.12 -

3.46 +

0.12 -

3.49 +

0.12 -

3.44 +

0.12 -

3.24 +

0.12 -

2.96 +

0.12 -

38.50 *

46.55 +

3.36 +

0.12 -

3.25 +

0.12 -

52.92 *

158

0.00 *

38.50 +

3.30 +

0.12 -

2.94 +

0.12 -

2.17 +

0.12 -

46.55 *