

S.I.V. ~~OR~~ 745 ONLY

DATE PRINTED: 6/22/82

CC 01 CODE YE-698-D

PROCESSES APPROVED BY
() YE-698-D (S) RWF 06/22/82

JUL 29 1982

G2K01

5527* LBS.

COMTYP JOB NAME: 01YE698DMS

(DATE)

(LOT)

(EST WGT)

TYPED BY: JHW

EQUIP MENT	NAME: MOLYBDATE ORANGE	USE LBS	N-CODE	ACCT LBS
PREP	1 OBTAIN FOR S-20	84	108-D	34
1	2 CALCULATE & SET ON BADGER METER FOR S-23	70	33-D	45
	3 OBTAIN FOR S-28	734	4-A	734
	4 OBTAIN FOR S-32	146	3-A	146
	5 OBTAIN FOR S-34	237	32-D	237
	6 OBTAIN FOR S-38	350	3-A	350
	7 OBTAIN FOR S-41	70	711-B	70
351	8 WEIGH INTO V-351 CHECKED BY: #	935, 38.25	10-D	1885
2				
359	9 WEIGH IN. OPTR 37, MK 41, T-370, 32.98%		423-D	303
3	OPTR 348, MK, T-%			
SV	10 RUN 20" (996 G) WATER INTO V-351	245		
4	11 RUN IN FROM V-354. OPTR 348, MK 374, 92%F			
	RECORD: G/ML 1.325 (1.270-1.328)	2930	41-D	5110
	RECORD: PH 2.1 (2.2-3.7)			
	12 ADJ TO 76" (3625G) AT 67-69°F	990	57-A	990
	RECORD: TEMP 68 °F			
	13 STIR 5 MIN & RECORD: PH 2.1 (2.2-3.7)			
	14 IF NECESSARY, ADJ TO PH 3.0-3.1 ASSUME 60%		33-D	
	RECORD: PH 3.1			
	NOTE: DILUTE N-7-D 10:1 WITH WATER BEFORE			
	ADDING ASSUME 50%		7-D	2
	15 RECORD: 1.142 G/ML (1.142-1.144)			
	NOTE: IF G/ML OUT OF LIMITS FILL OUT			
	CHECK LIST & ATTACH			
	16 STIR AT 67-69°F FOR S26. TAKE 1 QT SAMPLE.			
358	17 RUN 10" (500 G) WATER INTO V-358			
5	18 RUN V-359 INTO V-351 & PUMP IN V-351			
	19 ADJ TO 55" (2600 G)			
	20 SIFT IN N-108-A FROM S 1			
	21 STIR 5 MIN & RECORD: PH 9.9 (9.0-10.0)			
	22 ADJ TO PH 9.8-9.9 & RECORD: PH			
	ASSUME 50%		7-D	
	ASSUME 60%		33-D	
	23 ADD N-33-D FROM S 2 USING BADGER METER			
	24 ADJ TO 66" (3121 G) AT 67-69°F			
	RECORD: VOL 66" & 69 °F			
	25 STIR 5 MIN & RECORD: PH 2.4 (7.4-7.6) &			
	G/ML 1.082 (1.080-1.083)			
	NOTE IF G/ML OUT OF LIMITS FILL OUT CHECK			
	LIST & ATTACH. TAKE 1 QT SAMPLE			

AUG 6 1982

N32774

LOT=
EQUIP
MENT

COMTYP JOB NAME = 01YE698DMS PAGE 02

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USE N- IACCT
LBS CODE LBS

25	OBTAIN 1 QT SAMPLES OF S-16 & S-25 SOLUTIONS & TITRATE TWICE RECORD: LOWEST PH <u>2.08</u> & ML N-10-D <u>7.38</u> <i>final to lowest PH</i> <u>2.40</u> & ML N-10-D <u>7.26</u> <i>gas</i> NOTIFY SUPV IF ML N-10-D IS NOT IN RANGE 7.1-7.4 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 ^{For} TO OBTAIN A TITRATION PH = <u>2.45</u> (2.00-2.10) <u>(2.40-2.50)</u>		10 30	33-D 7-D	5 15
SV 6	26	WHEN S-26 TITRATION OK, STRIKE V-358 THRU BOTH UNDERSURFACE DISTRIBUTORS INTO SV IN 15-18 MIN RECORD: START <u>11:50 A</u> , TOTAL MIN <u>18</u> NOTE: STRIKE TIME UP WHEN 1/2 VAT BOTTOM SHOWS & BUBBLES APPEAR IN SIGHT GLASSES 27 IMMEDIATELY DUMP IN N-4-A FROM S 3 & SET TIMER FOR 15 MINUTES 28 DURING S 28, WASH IN V-358 29 STIR 2 MIN & RECORD PH <u>2.7</u> (1.8-2.5) PBXS, <u>+</u> (MUST BE +) 30 STIR TOTAL OF 15 MIN FROM S-28 & RECORD: TEMP <u>72</u> *F (67-73°F) 31 DUMP N-3-A FROM S-4 32 STIR 3 MIN 33 POUR IN N-32-D FROM S-5 34 STIR 2 MIN 35 RUN IN USING BADGER METER. 36 STIR 3 MIN & FLUSH ALUM LINE WITH WATER 37 DUMP IN N-3 FROM S-6 38 STIR 4 MIN FOR S-43	734	115-D	367
390 7	39	RUN IN USING WEIGHT & FLOW CONTROL PANEL MK <u>1</u> , <u>29.89</u> % MK <u>1</u> , <u>29.89</u> %	351	28-D 28-D	105
SV 8	40	DURING S-39 SIFT N-711-B FROM S-7 INTO V-390 WITH AGITATOR ON IN 1-2 MIN 41 STIR 1-2 MIN TO MILKY SOLUTION 42 WHEN S-39 COMPLETE, IMMEDIATELY RUN IN N-711-B SOLUTION GRADUALLY OVER 5 MIN PERIOD INTO SV WATCH FOAM!!! IF FOAMING IS EXCESSIVE, STOP UNTIL FOAM SUBSIDES. 43 DUMP IN 44 STIR 10 MIN 45 RECORD: PH <u>5.6</u> (5.8-6.0) 46 IF NECESSARY, ADJ TO PH 5.8-6.0 & RECORD: PH <u>5.8</u> 47 RECORD: TIME <u>1:00 P</u> 48 FLOOD TO 153" (7619 G) 49 STOP AGITATOR 50	330	128-A 7-D 33-D	330 1
		START FINISH OPTR HELPER <u>5:20 AM</u> <u>7:00 AM</u> <u>37</u> <u>257</u> <u>1:00 P</u> <u>1:00 P</u> <u>257</u>			

6/22/82

PROCESSES APPROVED BY

YE-698-D (S) F. POST 06/22/82

JUL 29 1982

ALTERNATE
TYPED BY JMH

MAKING NOTES

JGB NAME: 01YE698DPS

SAMPLED BY
RELEASED BY

= DRYING =

LUMP: - OK - WET - SALTS - CONTAMINATED

=====

ADDITIONAL DRYING HOURS REQUIRED

NO CARS PULLED
SAMPLED BY
RELEASED BY *ls*

NO DRUMS 18
LUMP WGT 5590

GRINDING

RPM	SCREEN	RPM
	MAX. TEMP.	F
100	100	100
200	200	200
300	300	300
400	400	400
500	500	500
600	600	600
700	700	700
800	800	800
900	900	900
1000	1000	1000
1100	1100	1100
1200	1200	1200
1300	1300	1300
1400	1400	1400
1500	1500	1500
1600	1600	1600
1700	1700	1700
1800	1800	1800
1900	1900	1900
2000	2000	2000
2100	2100	2100
2200	2200	2200
2300	2300	2300
2400	2400	2400
2500	2500	2500
2600	2600	2600
2700	2700	2700
2800	2800	2800
2900	2900	2900
3000	3000	3000
3100	3100	3100
3200	3200	3200
3300	3300	3300
3400	3400	3400
3500	3500	3500
3600	3600	3600
3700	3700	3700
3800	3800	3800
3900	3900	3900
4000	4000	4000
4100	4100	4100
4200	4200	4200
4300	4300	4300
4400	4400	4400
4500	4500	4500
4600	4600	4600
4700	4700	4700
4800	4800	4800
4900	4900	4900
5000	5000	5000
5100	5100	5100
5200	5200	5200
5300	5300	5300
5400	5400	5400
5500	5500	5500
5600	5600	5600
5700	5700	5700
5800	5800	5800
5900	5900	5900
6000	6000	6000
6100	6100	6100
6200	6200	6200
6300	6300	6300
6400	6400	6400
6500	6500	6500
6600	6600	6600
6700	6700	6700
6800	6800	6800
6900	6900	6900
7000	7000	7000
7100	7100	7100
7200	7200	7200
7300	7300	7300
7400	7400	7400
7500	7500	7500
7600	7600	7600
7700	7700	7700
7800	7800	7800
7900	7900	7900
8000	8000	8000
8100	8100	8100
8200	8200	8200
8300	8300	8300
8400	8400	8400
8500	8500	8500
8600	8600	8600
8700	8700	8700
8800	8800	8800
8900	8900	8900
9000	9000	9000
9100	9100	9100
9200	9200	9200
9300	9300	9300
9400	9400	9400
9500	9500	9500
9600	9600	9600
9700	9700	9700
9800	9800	9800
9900	9900	9900
10000	10000	10000

EXPLAIN LOSSES

DATE MIXED

 SAMPLED BY
 RELEASED BY

N32774.01

DUP050464265

1
124
41
348 +
14 -
338 +
14 -
246 +
14 -
890 T

N32774.02

DUP050464266

2931
349
12
339
12
350
12
347
12
339
12
358
12
338
12
335
12
5590

124	1	
41	1	
316	+	
14	-	
318	+	
14	-	
327	+	
14	-	
326	+	
14	-	
338	+	
14	-	
317	+	
14	-	
197	+	
14	-	
890	+	
2931	T	