

OCT 21 1982

K2L01

5547
5527* LBS.

COMTYP JOB NAME: 01YE698DMT

(DATE)

(LOT)

(EST WT)

BLENDED BACK: CG 01, PQ 98,

(CODE)

(LOT)

(POUNDS)

EQUIP MENT	NAME: MOLYBDATE ORANGE	USE LBS	N-CODE	ACCT LBS
PREF				
1	1. OBTAIN SODIUM SULFATE FOR S-13	84	108-A	84
	2. CALCULATE & SET ON BADGER METER FOR S-16 (NITRIC ACID WEAK) 64.40%	93	33-D	60
	3. OBTAIN SODIUM CHLORIDE FOR S-33	734	4-A	734
	4. OBTAIN SODA ASH FOR S-37	146	3-A	146
	5. OBTAIN SODIUM SILICATE FOR S-39	237	32-D	237
	6. OBTAIN SODA ASH FOR S-43	350	3-A	350
	7. OBTAIN ANTIMONY TRIOXIDE FOR S-46	70	711-B	70
351 2	8. WEIGH SODIUM CHROMATE INTO V-351 OPTR _____, MK 256.38.05% OPTR _____, MK _____%	4954	10-D	1825
359 3	9. WEIGH IN SODIUM MOLYBDATE SOLUTION OPTR _____, MK 65, T-370, 33.59% OPTR _____, MK _____, T- _____%	902	423-D	303
358 4	10. RUN 10" (500 G) WATER INTO V-358			
	11. RUN V-359 INTO V-351 & PUMP IN V-351			
	12. ADJ TO 55" (2600 G)			
	13. SIFT IN N-108-A FROM S 9.9 (9.0-10.0)			
	14. STIR 5 MIN & RECORD: PH 9.9			
	15. ADJ TO PH 9.8-9.9 & RECORD: PH _____ (CAUSTIC SODA SOLUTION) ASSUME 50% ASSUME 66%		7-D 33-D	
	16. ADD N-33-D FROM S 2 USING BADGER METER			
	17. ADJ TO 66" (3121 G) AT 69°F RECORD: VOL 6.6" & 69°F			
	18. STIR 5 MIN & RECORD: PH 7.5 (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			
SV 5	19. RUN 20" (996 G) WATER INTO V- 245 RECORD N-41-D STORAGE TANK TO PUMP FROM. CIRCLE ONE: 402 410 411 420 424 425			
	20. CHECK WITH CU SUPV: *STORAGE TANK MUST CONTAIN AT LEAST 2376 GAL: 402=49", 410=25", 411=48", 420=25", 424=25", 425=31"			
	*STORAGE TANK MUST HAVE STIRRED AT LEAST 20 MIN SINCE LAST ADDITION OR ADJUSTMENT			
	*STORAGE TANK MUST BE ISOLATED UNTIL ALL PUMPING FOR THIS BATCH IS COMPLETE			
	21. SET METER FOR 300 G & PUMP TO SV 245			

OCT 27 1982

(JRE)

LOT: _____ COMTYP JOB NAME: 01YE698DMT PAGE 02 DATE PRINTED: 10/15/82
EQUIP _____ USE _____ N- JACCT _____
MENT _____ LBS CODE LBS

SV 22 AT APPROX 100 G WHILE CONTINUING TO PUMP,
5 CHECK PH & DENSITY. RECORD BELOW. IF NOT
CONT IN RANGE, STOP PUMPING & SEE SUPV.
* PH: 2.5 (2.2-3.7)
* DENSITY: 1.304 G/ML (1.270-1.328)
23 IF S-22 OK & WHEN S-21 COMPLETE, RECORD
DENSITY 1.304 G/ML ON TRAPPED SAMPLE
FROM END OF S-21 PUMPING.
24 USING DENSITY FROM S-23, FIND METER SETTING FOR
SECOND PUMPING IN TABLE BELOW. NOTE: TABLE
ACCOUNTS FOR 300 G ALREADY PUMPED IN S-21.
CIRCLE DENSITY & SETTING IN TABLE BELOW.

**** TABLE ****

G/ML	SETTING	G/ML	SETTING	G/ML	SETTING
1.270	1678	1.291	1534	1.312	1410
1.271	1670	1.292	1527	1.313	1404
1.272	1663	1.293	1521	1.314	1399
1.273	1656	1.294	1515	1.315	1394
1.274	1649	1.295	1509	1.316	1388
1.275	1641	1.296	1503	1.317	1383
1.276	1634	1.297	1497	1.318	1378
1.277	1627	1.298	1490	1.319	1372
1.278	1620	1.299	1484	1.320	1367
1.279	1614	1.300	1478	1.321	1362
1.280	1607	1.301	1473	1.322	1357
1.281	1600	1.302	1467	1.323	1351
1.282	1593	1.303	1461	1.324	1346
1.283	1586	1.304	1455	1.325	1341
1.284	1580	1.305	1449	1.326	1336
1.285	1573	1.306	1444	1.327	1331
1.286	1566	1.307	1438	1.328	1326
1.286	1566	1.307	1438	1.328	1326
1.287	1559	1.308	1432	1.329	1321
1.288	1553	1.309	1427	1.330	1317
1.289	1546	1.310	1421	1.331	1312
1.290	1540	1.311	1415	1.332	1307

25 SET METER & PUMP 1455 G (RECORD FROM TABLE)
FLUSH LINE WITH WATER INTO SV FOR APPROXIMATELY
30 SECONDS
26 ADJ LEAD NITRATE TO 76 (3625 G) AT 67-69°F.
RECORD: 6.7 *F 75 V-247
27 STIR 5 MIN & RECORD PH: 3.05 (2.2-3.7)
28 IF NECESSARY ADJ TO PH 3.0-3.1 ASSUME 66%
& RECORD PH: ✓ ASSUME 50%
NOTE: DILUTE N-7-D 10:1 WITH WATER BEFORE ADDING
29 RECORD: 1.148 G/ML (1.143-1.144) IF OUT OF SPEC
FILL OUT CHECK LIST & ATTACH.
30 STIR AT 67-69°F FOR S-31. TAKE 1 QT SAMPLE.

41-D 5110
57-A
33-D
7-D

USE	N-	ACCT
LBS	CODE	LBS
SV 5	33-D	6
CONT	7-D	
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41	734	367
42		
43		
44		
390	28-D	105
7	28-D	
45		
46		
47		
SV 8	110	110
48	128-A	330
49		
50		
51		
52		
53	7-D	
54	33-D	
START	FINISH	OPTR
9:00 PM	10:15 PM	86
11:00 PM	3:45 AM	2014129