

10-77-82
(DATE)L2H08
(LOT)5527* LBS.
(EST WT)

COMTYP JOB NAME: 01YE698DMT

BLENDED BACK: CG 01, PG 98

(CODE)

(LOT)

(POUNDS)

EQUIP MENT	NAME: MOLYBDATE ORANGE	USE LBS	N-CODE	ACCT LBS
PREP 1	1 OBTAIN SODIUM SULFATE FOR S-13	84	108-A	84
	2 CALCULATE & SET ON BADGER METER FOR S-13 (NITRIC ACID WEAK) <u>64.46%</u>	<u>93</u>	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 <u>204.3772</u> % OPTR _____, MK _____%	<u>4991</u>	10-D	1825
359 3	9 WEIGH IN SODIUM MOLYBDATE SOLUTION OPTR _____, MK <u>67</u> , T- <u>360</u> , <u>31.78</u> % OPTR _____, MK _____, T- _____%	<u>953</u>	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 1			
	14 STIR 5 MIN & RECORD: PH <u>10.5</u> (9.0-10.0)			
	15 ADJ TO PH 9.8-9.9 & RECORD: PH <u>9.9</u> (CAUSTIC SODA SOLUTION) ASSUME 50% ASSUME 66% <u>2</u>		7-D 33-D	<u>1</u>
	16 ADD N-33-D FROM S 2 USING BADGER METER			
	17 ADJ TO 66" (3121 G) AT 67-69°F RECORD: VOL <u>66</u> " & <u>69</u> " F			
	18 STIR 5 MIN & RECORD: PH <u>7.6</u> (7.4-7.6) & G/ML <u>1.087</u> (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- <u>242</u> 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 <u>242</u>		NOV 1 1982 <u>EL</u>	

EQUIP MENT		USE LBS	N- CODE	ACCT LBS
SV 5 CONT	31 OBTAIN 1 QT SAMPLES OF S-18 & S-30 SOLUTIONS & TITRATE TWICE 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 A TITRATION PH OF 2.10 TO 2.20 FROM FINAL IN-LINE TITRATION. RECORD LOWEST PH <u>1.82</u> & ML N-10-D <u>7.43</u> <u>1.85-1.95</u>	20	33-D 7-D	10
SV 6	32 WHEN S-31 TITRATION OK, STRIKE V-358 THRU BOTH UNDERSURFACE DISTRIBUTORS INTO SV IN 16-18 MIN RECORD: START <u>6:15 PM</u> , TOTAL MIN <u>18</u> NOTE: STRIKE TIME UP WHEN 1/2 VAT BOTTOM SHOWS & BUBBLES APPEAR IN SIGHT GLASSES 33 IMMEDIATELY DUMP IN N-4-A FROM S 3 & SET TIMER FOR 15 MINUTES 34 DURING S 33, WASH IN V-358 35 STIR 2 MIN & RECORD PH <u>1.9</u> (1.8-2.5) PBXS, <u>+</u> (MUST BE +) 36 STIR TOTAL OF 15 MIN FROM S-33 & RECORD: TEMP <u>72</u> *F (67-73*F) 37 DUMP N-3-A FROM S-4 38 STIR 3 MIN 39 POUR IN N-32-D FROM S-5 40 STIR 2 MIN 41 RUN IN LIQUID ALUM USING BADGER METER 42 STIR 3 MIN & FLUSH ALUM LINE WITH WATER 43 DUMP IN N-3 FROM S-6 44 STIR 4 MIN FOR S-48	734	115-D	367
390 7	45 RUN IN HYDROCHLORIC ACID USING WEIGHT & FLOW CONTROL PANEL MK _____, <u>3/01</u> % MK _____, _____% 46 DURING S-44 SIFT N-711-B FROM S-7 INTO V-390 WITH AGITATOR ON IN 1-2 MIN 47 STIR 1-2 MIN TO MILKY SOLUTION	339	28-D 28-D	105
SV 8	48 WHEN S-44 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. 49 DUMP IN BLANC FIXE N 50 WHEN SCHEDULED, DUMP IN BLEND BACK LISTED ON TOP OF PAGE 1 RECORD: CODE _____, LOT _____ # 51 STIR 20 MIN 52 RECORD: PH <u>5.9</u> (5.8-6.0) 53 IF NECESSARY, ADJ TO PH 5.8-6.0 ASSUME 50% & RECORD: PH _____ ASSUME 66% 54 FLOOD TO 153' (7298 G) & STOP AGITATOR	330	128-A	330
	START <u>4:00 PM</u> FINISH <u>7:35 PM</u> OETR <u>86-362</u>		7-D 33-D	