

FOR COMPANY USE ONLY

Wiederhorn
TEST CONCLUSION NO. TA-C- 72-314DATE April 18, 1972OFFICIAL PRODUCT NAME 1-Bromo-2,4,6-Triethylbenzene CrudePRODUCT CODE NO. 113 020POUNDS PRODUCT ACTUAL 18,850AREA "Ponsol"BUILDING NAME ColorsTITLE TRANSFER THE STEAM DISTILLATION OF 1-BROMO-2,4,6-
TRIETHYLBENZENE FROM T-35 to S-12PREPARED BY: J. W. Bowman

PURPOSE OF TEST: To relieve production scheduling conflicts by transferring the steam distillation step of the 1-bromo-2,4,6-triethylbenzene process from T-35 to S-12.

RESULTS OF TEST: Charges 160-173 (18,850 lbs. at standard value) were produced with the steam distillation being done in S-12. The steam distillation of the carbon tetrachloride from the 1-bromo-2,4,6-triethylbenzene proceeded very smoothly. It was noted that the material distilled in S-12 appeared to be much cleaner and gave better water-organic phase separations than charges distilled in T-35. An apparent 10% increase in yield was also realized possibly due to better water washing and phase separation. S-12 is Monel and 3,000 gallons whereas T-35 is iron and 1,500 gallons.

RECOMMENDATIONS: Steam distill all future production of 1-Bromo-2,4,6-Triethylbenzene crude in S-12.

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APPROVED BY:

CHIEF SUPERVISOR, OPERATIONS

DATE

R. Wiederhorn
CH. SUPVR., TECH. OR PLANT ASSIST.DATE 5-1-72

AUTHORIZED BY:

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