FOR COMPANY USE ONLY

DATE March 24, 1964

TEST CONCLUSION NO. T.A.-C- 63-10

OFFICIAL PRODUCT NAME 2-Chloro-4-nitroaniline Paste C

PRODUCT CODE NO. 142-160 POUNDS PRODUCT ACTUAL 2,600

AREA Azo - Naph. Sect. BUILDING NAME LP Autoclave

TITLE Use of 1-Nitro-3,4-dichlorobenzene C

PREPARED BY: R. C. Franklin

PURPOSE OF TEST: To evaluate use of 1-nitro-3,4-dichlorobenzene made by an alternate route, namely, by chlorination of p-nitrochlorobenzene and sweating.

RESULTS OF TEST: One charge (868) of 2-chloro-4-nitroaniline was made using Charge 1C of 1-nitro-3,4-dichlorobenzene C (F.P. 40°C.). Quality of the product was good; F.P. 107.1°C.; purity 99.7%; diazo insolubles, OK; pigment toner test, satisfactory. It was used in Lot 213 of "Lithosol" Acid VP which was OK quality.

RECOMMENDATIONS: Use 1-Nitro-3,4-dichlorobenzene C interchangeably with regular stock as long as freezing point specification is met.

DISTRIBUTION
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gtd

APPROVED BY: J. F. Laucius 25 March 64 DATE

AUTHORIZED BY: R. T. Reed 4-1-64 DATE
SUPT. PRODUCTION AREA

H 3-30-64 DATE

H. I. Stryker 3/25/64 DATE
SUPT., PROCESS DEPARTMENT

MU-1762-R-5

DUP050467931

FOR COMPANY USE ONLY

DATE January 9, 1963

TEST AUTHORIZATION NO. T.A.-C-63-10

OFFICIAL PRODUCT NAME 2-Chloro-4-nitroaniline Paste

PRODUCT CODE NO. 142-160 POUNDS PRODUCT PROPOSED 5,200

AREA Azo - Naph. Sect. BUILDING NAME LP Autoclave

TITLE Use of 1-Nitro-3,4-dichlorobenzene C

PREPARED BY: R. C. Franklin RESPONSIBLE FOR TEST AND TEST CONCLUSION: W. Nimphius
R. C. Franklin

PURPOSE OF TEST: To evaluate use of 1-nitro-3,4-dichlorobenzene made by an alternate route, namely, by chlorination of p-nitrochlorobenzene and sweating.

STANDARD INVOLVED: C.W. Process for the manufacture of 2-Chloro-4-nitroaniline approved 4-3-57.

DURATION OF TEST: Two charges.

TEST DETAILS: (INCLUDE SAFETY) Use 3,000 lb. of 1-nitro-3,4-dichlorobenzene C per charge in the standard process. Freezing point of this material shall be 40°C. minimum, same as the present specification. Evaluate the product by dyetest at Lake Lab.

DISTRIBUTION:

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R. T. Reed, D&C Off. (5)
H. I. Stryker, Adm. Bldg.

APPROVED BY: J F Laucius 9 Jan 63
DATE

DATE

DATE

AUTHORIZED BY: H I Stryker 1/9/63
SUPERINTENDENT, PROCESS DEPARTMENT DATE

R. T. Reed 1-17-63
SUPERINTENDENT, PRODUCTION AREA DATE

gtd

MU-1752.B-R.3

DUP050467932

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