COMPANY CONFIDENTIAL

JAK file

DATE August 5, 1959

TEST CONCLUSION NO. T.A.-C-59-491

OFFICIAL PRODUCT NAME "Lithosol" Fast Violet 4RNL Paste

PRODUCT CODE NO. 456-100 POUNDS PRODUCT ACTUAL

PLANT CqW. AREA "Ponsol" Colors BUILDING NAME AND NO.

TITLE Smaller particle size for improved paint test.

PREPARED BY: M. A. Perkins

PURPOSE OF TEST: To provide material satisfactory for Pigments and Fabrics & Finishes Depts., particularly for use in alkyd resin paints.

RESULTS OF TEST: Lot 94 was dispersed by F&B milling with 2.5 lbs. of 100% Compound No.8 per 1,000 lbs. of paste. It tested close by the TF-10-24 test ("Syntex" paint) and was reported by the Pigments Dept. to be dark 30 (Masstone), red 30 and intense 20 (bright) versus Lot 83 standard.

Recommendations: 1. Continue this method of dispersion in standardizing "Lithosol" Fast Violet 4RNL Paste increasing the Compound No.8 to the full 3.6 parts per 1,000 lbs. of paste called for by the TA if necessary to give satisfactory viscosity to the paste.

~~RECOMMENDATIONS:~~ 2. Incorporate this change in the new technical standard when it is written

Distribution:

R. A. Brooks, Jackson Lab.) In
Jackson Lab. Library ) Turn
R. H. Terss, Jackson Lab.
H. P. Child, Adm. Bldg.
A. Fentin, "Ponsol" Lab.
J. F. Froning, Adm. Bldg.
D. B. Kirk, Ind. Eng. Div.
N. J. Letang, D&C, "Ponsol" (5)
J. T. Linster, PTS Off. (3)
R. R. Merner PTS Off. (2)
M. A. Perkins, "Ponsol" Off.
H. I. Stryker, Adm. Bldg. (2)

APPROVED BY:

J F Froning 8-11-59
SUPT., PLANT TECHNICAL SECTION DATE

H I Stryker 8/7/59 map
DATE

N J Letang 8-25-59
SUPT., PRODUCTION AREA DATE

DATE

DISTRIBUTION ATTACHED

MU-1752-R-2

COMPANY CONFIDENTIAL

DATE June 8, 1959

TEST AUTHORIZATION NO. T.A.-C-59-491
(Inside Standards)

OFFICIAL PRODUCT NAME "Lithosol" Fast Violet 4RNL Paste

PRODUCT CODE NO. 456-100 POUNDS PRODUCT PROPOSED 6,000

PLANT C.W. AREA "Ponsol" Colors BUILDING NAME AND NO.

TITLE Smaller Particle Size for Improved Paint Test

PREPARED BY: M. A. Perkins RESPONSIBLE FOR TEST AND TEST CONCLUSION: R. C. Schultz, M. A. Perkins

PURPOSE OF TEST: To provide material satisfactory for Pigments and Fabrics & Finishes Depts., particularly for use in alkyd resin paints.

STANDARD INVOLVED: Chambers Works Process for the Manufacture of "Lithosol" Fast Violet 4RNL Paste, approved 9-30-48.

DURATION OF TEST: Lot 94 and continue indefinitely if this lot is approved.

TEST DETAILS: (INCLUDE SAFETY) See attached sheet.

Distribution:

R. A. Brooks, Jackson Lab.) In
Jackson Lab. Library ) Turn
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A. Fentin, "Ponsol" Lab.
J. F. Froning, Adm. Bldg.
D. B. Kirk, Ind. Eng. Div.
N. J. Letang, D&C, "Ponsol" (5)
J. T. Linster, PTS Off. (3)
R. R. Merner, PTS Off.
M. A. Perkins, "Ponsol" Off.
H. I. Stryker, Adm. Bldg.

APPROVED BY:

DATE

H. I. Stryker 6/12/59
DATE

AUTHORIZED BY: J. F. Froning 7-15-59
SUPERINTENDENT, PLANT TECHNICAL SECTION DATE

M. A. Perkins 7-15-59
SUPERINTENDENT, PRODUCTION AREA DATE

NAU-1752-B

DUP050467811

N33023.01

Test Details:

Follow the process, except as follows:

1. Increase the Compound No. 8 (100%) to 3.6 lbs. per 1,000 lbs. standard paste (see note).

2. Reduce lot size from approximately 10,000 lbs. to approximately 6,000 lbs.

3. Test the barium rosinate lake by Syntex paint grind (TF-1024) instead of lithovarnish rubout.

Note.

This is a fourfold increase in actual use of Compound No.8 and is based on laboratory tests which show a marked improvement in the new TF-1024 test.

DUP050467812