

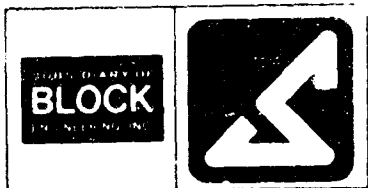
**POLYMER
ADDITIVES**

IR Grating Spectra

Volume 1

DP 1 'K -- DP 300 K

With Indices



SADTLER RESEARCH LABORATORIES, INC.

POLYMER ADDITIVES

Volume 1

DP1K - DP300K

CREATIVE CHEMISTS SINCE 1874

3316 SPRING GARDEN ST., PHILADELPHIA, PA. 19104
TEL. 215 382-7800 • TWX 710 - 670-1186 • CABLE SADTLABS

The publication of the physical data of the Sadtler Standard Spectra and the Sadtler Commercial Spectra is intended to be descriptive. The samples of the materials represented have come generally from other sources than our own laboratories and frequently without the donors' knowledge of their part in this publication.

On the other hand every effort is made by Sadtler Research Laboratories, Inc. to assure the reliability of the published spectra. When improved data is available or errors are called to our attention we revise and reissue the proper replacement spectra.

SADTLER RESEARCH LABORATORIES, INC. DOES NOT WARRANT MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, OR MAKE ANY OTHER WARRANTY OR AGREEMENT EXPRESS OR IMPLIED WITH RESPECT TO THE SPECTRA CONTAINED HEREIN. IF ANY MODEL OR SAMPLE WAS SHOWN TO BUYER, SUCH MODEL OR SAMPLE WAS USED MERELY TO ILLUSTRATE THE ARTICLE AND NOT TO REPRESENT THAT ANY SPECTRA CONTAINED HEREIN WOULD CONFORM TO THE MODEL OR SAMPLE.

COPYRIGHT NOTICE

ALL RIGHTS RESERVED

Copyright 1973

SADTLER RESEARCH LABORATORIES, INC.,

Researchers, Editors & Publishers

Printed in the United States of America

1a

1-12/817

BETACOTE NO. 91 PART B ACCELERATOR

CURING AGENT

Source: Essex Chemical Corporation
BFC Division

Film



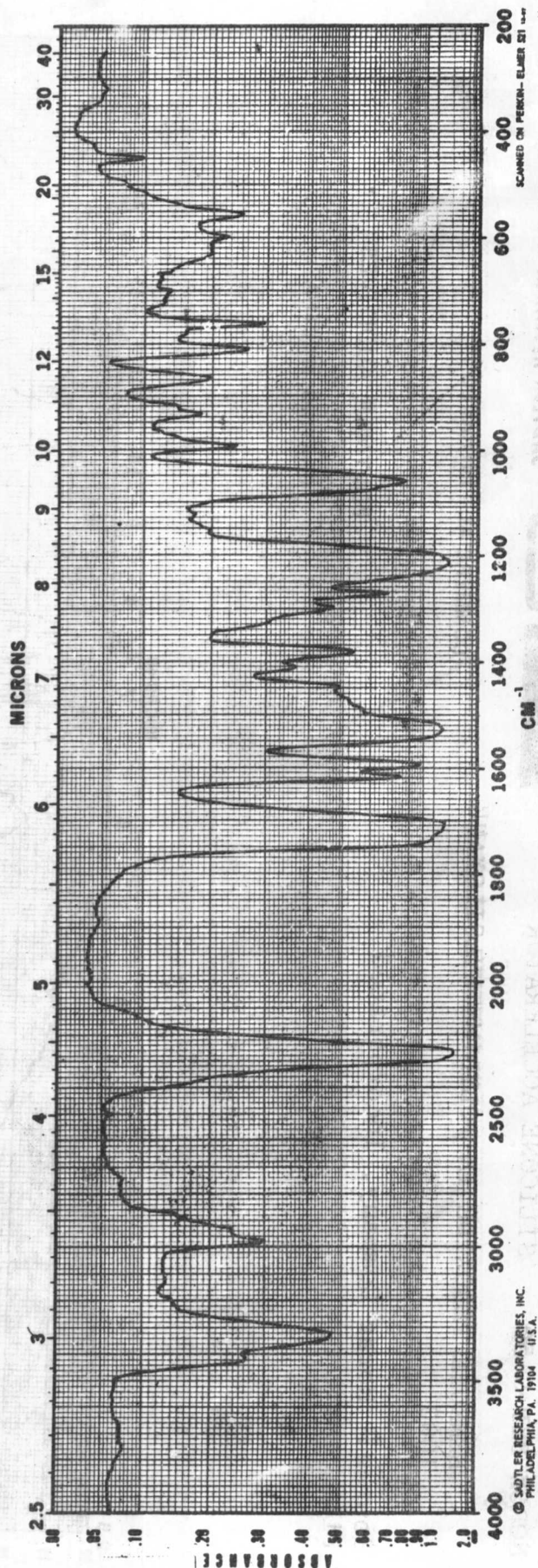
SADTLER RESEARCH LABORATORIES, INC.

COMMERCIAL INFRARED

© 1973

POLYMER ADDITIVES

GRATING SPECTRA



© SADTLER RESEARCH LABORATORIES, INC.
PHILADELPHIA, PA. 19104 U.S.A.

DP 1K



NOROX BZP-S-50 SILICONE ACCELERATOR

SADTLER RESEARCH LABORATORIES, INC.

BENZOYL PEROXIDE IN POLYDIMETHYLSILOXANE
1000

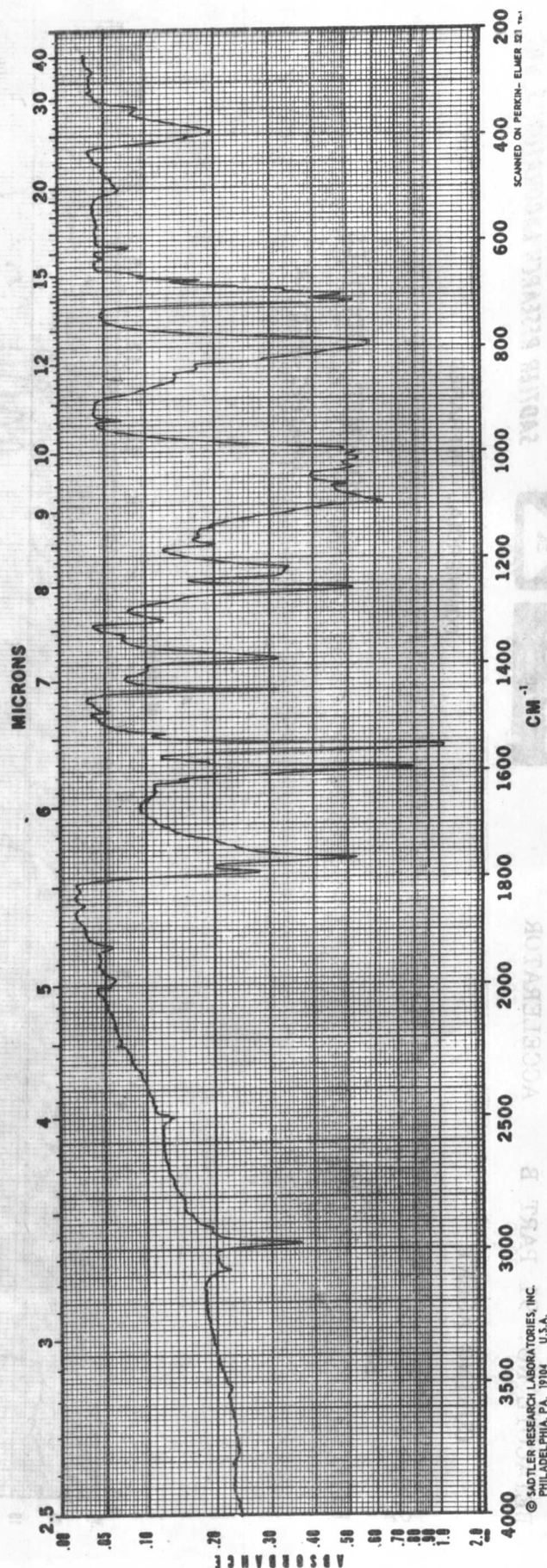
©1973

COMMERCIAL INFRARED

Source: Norac Company, Incorporated
Film

POLYMER ADDITIVES

GRATING SPECTRA



© SADTLER RESEARCH LABORATORIES, INC.
PHILADELPHIA, PA. 19104 U.S.A.

DP 2K



SADTLER RESEARCH LABORATORIES, INC.

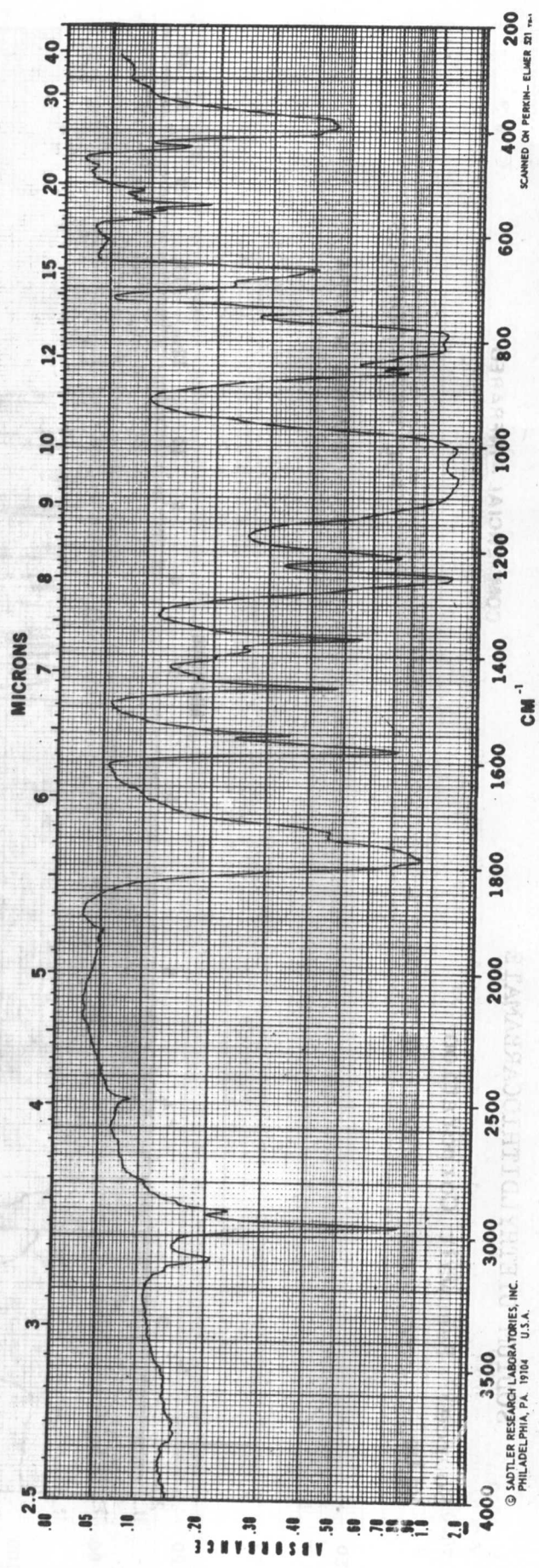
NOROX DBP-S-50 SILICONE ACCELERATOR
50% / 2,4-DICHLOROBENZOYL PEROXIDE IN
POLYDIMETHYLSILOXANE 1000

© 1973

COMMERCIAL - INFRARED

Source: Norac Company, Incorporated
Melt

POLYMER ADDITIVES
GRATING SPECTRA



© SADTLER RESEARCH LABORATORIES, INC.
PHILADELPHIA, PA. 19104 U.S.A.

PENNAC SDED NO. 675 ACCELERATOR

SODIUM DIETHYLDITHIOCARBAMATE

Source: Pennwalt Corporation
Film



SADTLER RESEARCH LABORATORIES, INC.

COMMERCIAL INFRARED

600

1400

1800

2000

2500

3000

3500

4000

4500

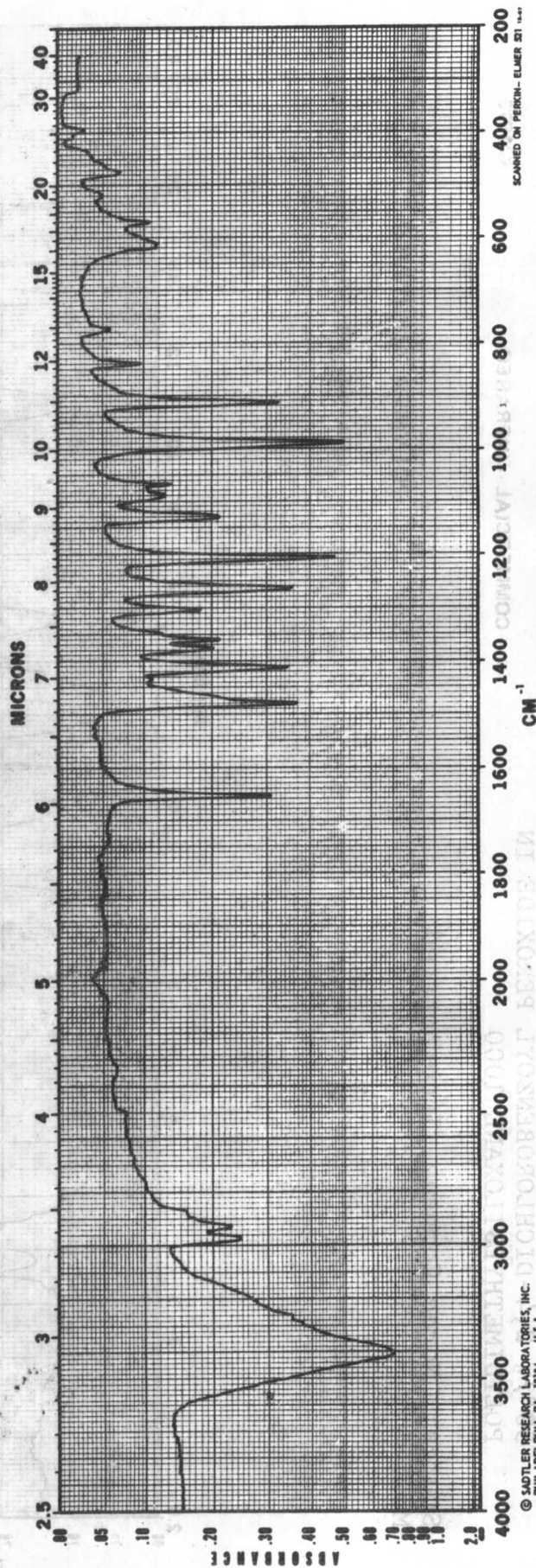
5000

5500

6000

POLYMER ADDITIVES

GRATING SPECTRA



© SADTLER RESEARCH LABORATORIES, INC.
PHILADELPHIA, PA. 19104 U.S.A.

SCANNED ON PERKIN-ELMER 571

MOFOX DBB-2-20 ZITICOME ACCELERATOR



SADTLER RESEARCH LABORATORIES, INC.

DP 4K



ADVASTAB CH 55 ANTIOXIDANT

SADTLER RESEARCH LABORATORIES, INC.

ORGANIC PHOSPHITE

COMMERCIAL - INFRARED

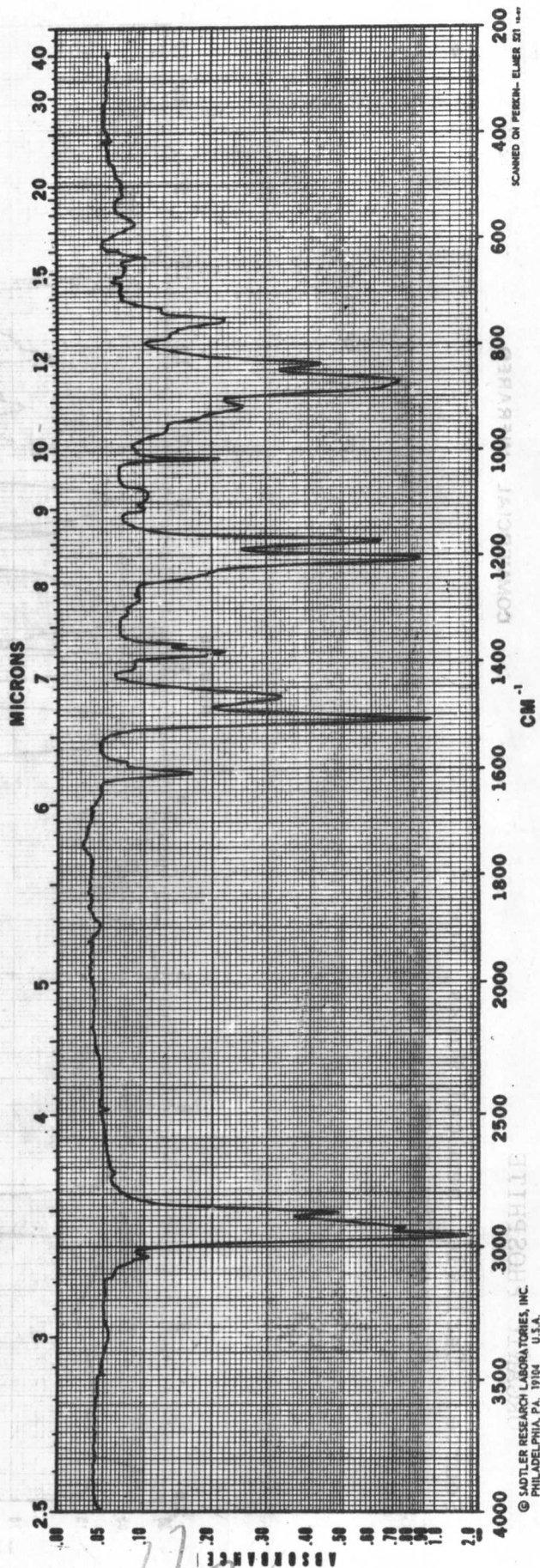
©1973

Source: Carlisle Chemical Works, Inc.
Advance Division

Film

POLYMER ADDITIVES

GRATING SPECTRA



DP 5K



ADVASTAB CH 300 ANTIOXIDANT

SADTLER RESEARCH LABORATORIES, INC.

ORGANIC PHOSPHITE

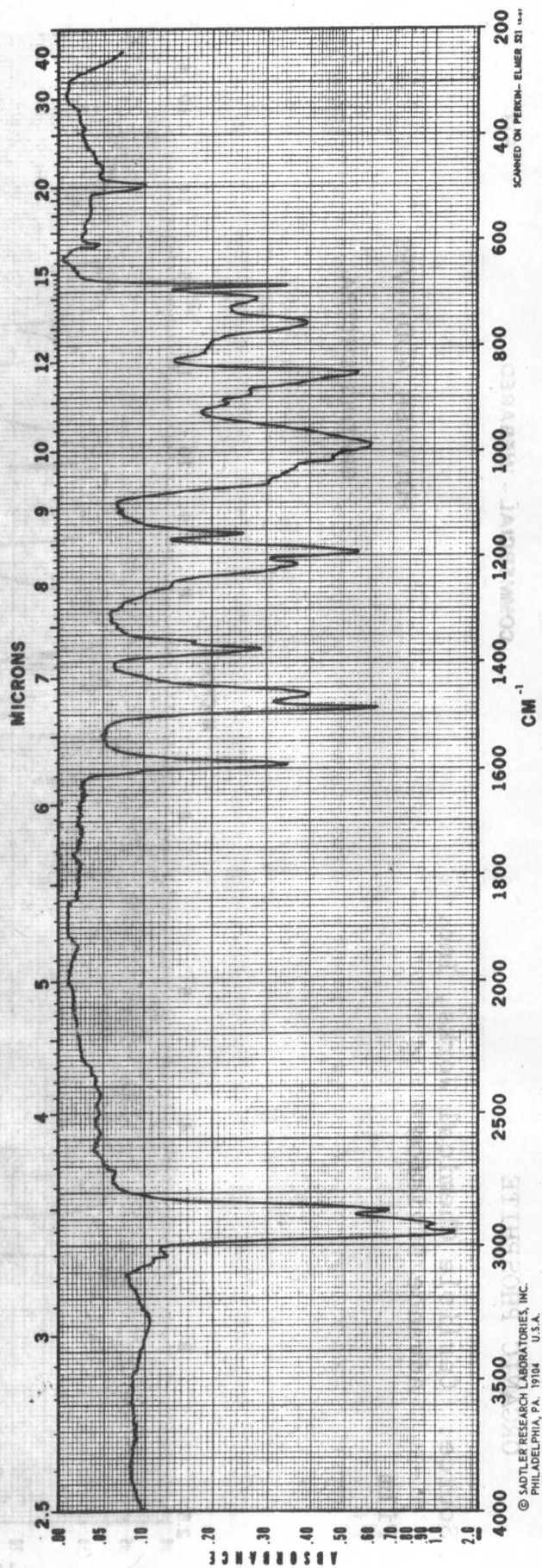
COMMERCIAL INFRARED

©1973

Source: Carlisle Chemical Works, Inc.
Advance Division
Between Salts

POLYMER ADDITIVES

GRATING SPECTRA



© SADTLER RESEARCH LABORATORIES, INC.
PHILADELPHIA, PA. 19104 U.S.A.

DP 6K

1-15/817

2A

ADVASTAB DSTDP ANTIOXIDANT



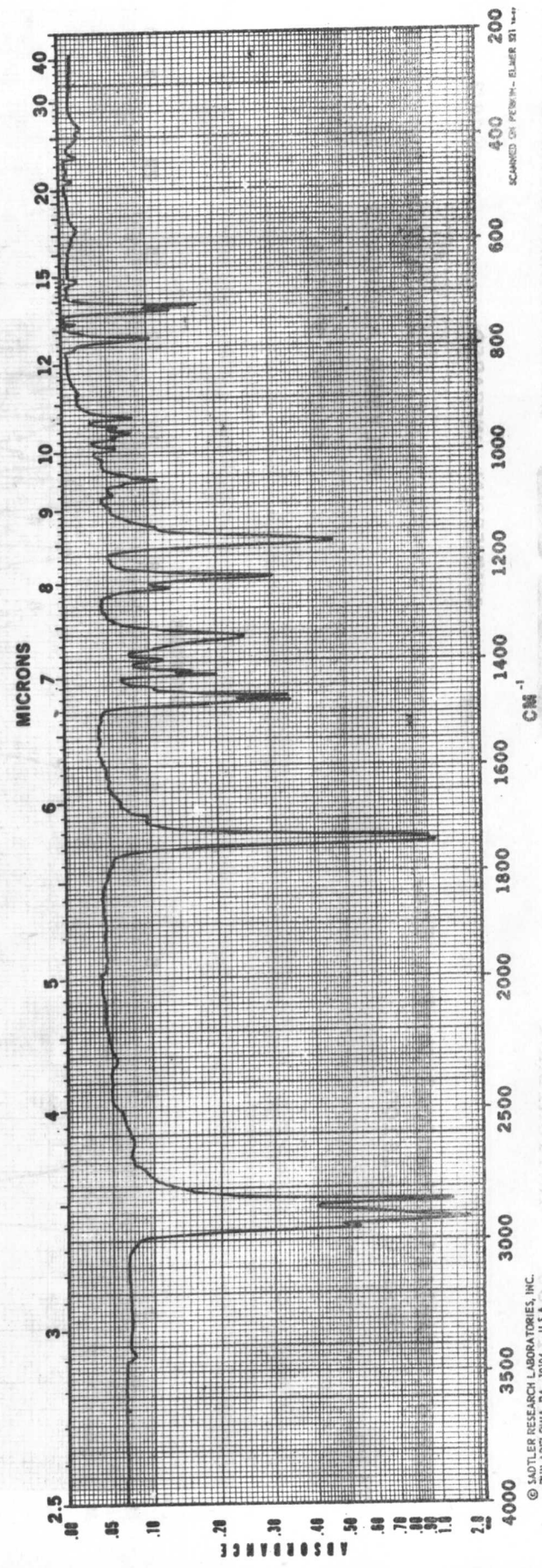
SADTLER RESEARCH LABORATORIES, INC.

©1973

COMMERCIAL -- INFRARED

Source: Carlisle Chemical Works, Inc.,
Advance Division
Between Salts

POLYMER ADDITIVES
GRATING SPECTRA



© SADTLER RESEARCH LABORATORIES, INC.
PHILADELPHIA, PA. 19104 U.S.A.

DP 7K



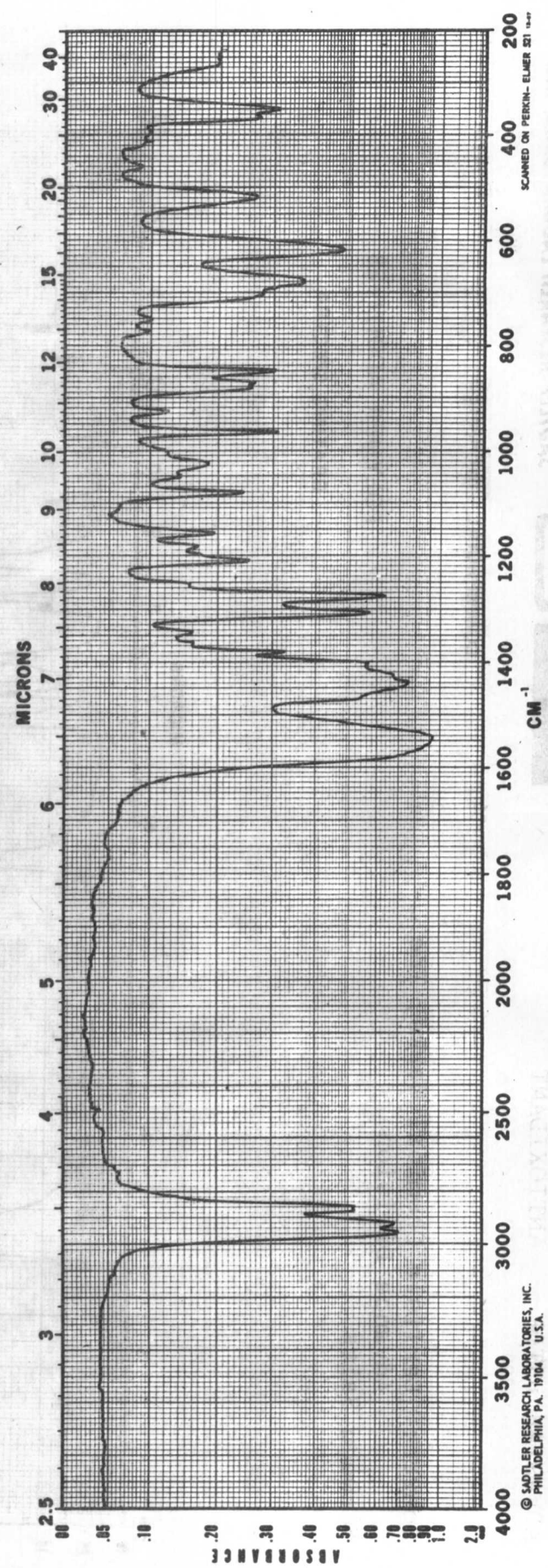
ADVASTAB T 360 ANTIOXIDANT

SADTLER RESEARCH LABORATORIES, INC.

COMMERCIAL INFRARED © 1973

Source: Carlisle Chemical Works, Inc.
Advance Division
Film

POLYMER ADDITIVES
GRATING SPECTRA



© SADTLER RESEARCH LABORATORIES, INC.
PHILADELPHIA, PA. 19104 U.S.A.

DP 8K

28



SADTLER RESEARCH LABORATORIES, INC.

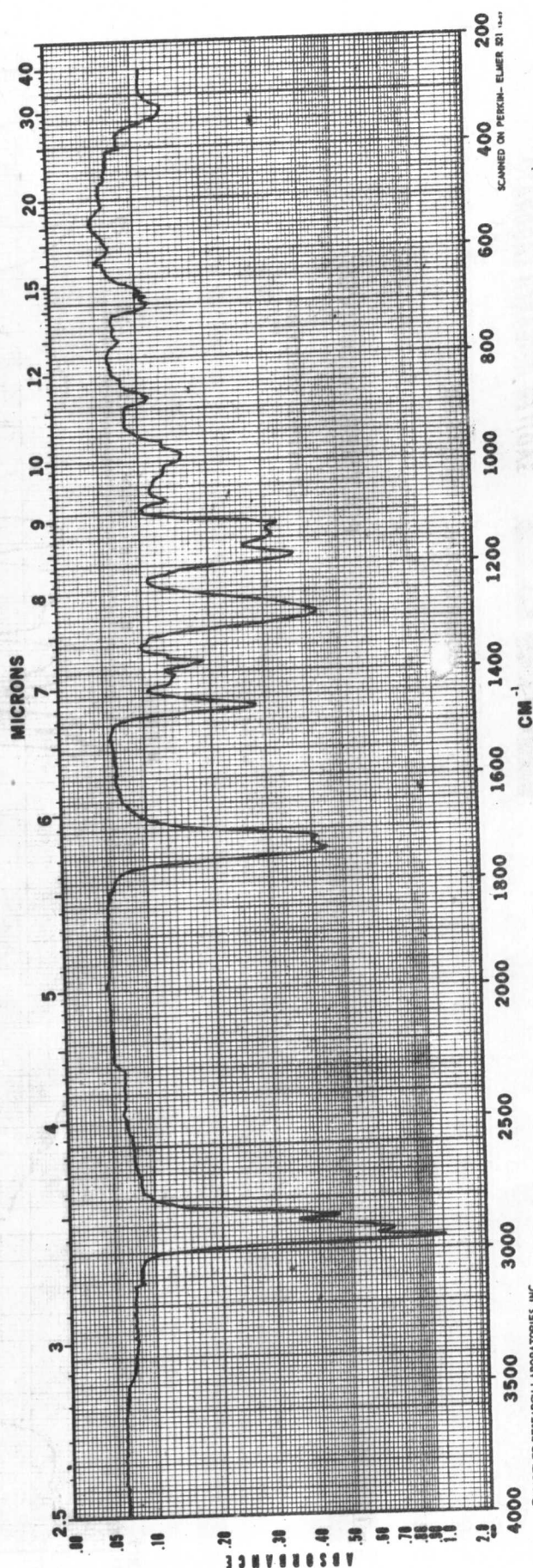
ADVASTAB TM 180 ANTIOXIDANT

©1973

COMMERCIAL -- INFRARED

Source: Carlisle Chemical Works, Inc.
Advance Division
Film

POLYMER ADDITIVES
GRATING SPECTRA



© SADTLER RESEARCH LABORATORIES, INC.
PHILADELPHIA, PA. 19104 U.S.A.

DP 9K

ADVASTAB 667-6E ANTIOXIDANT



SADTLER RESEARCH LABORATORIES, INC.

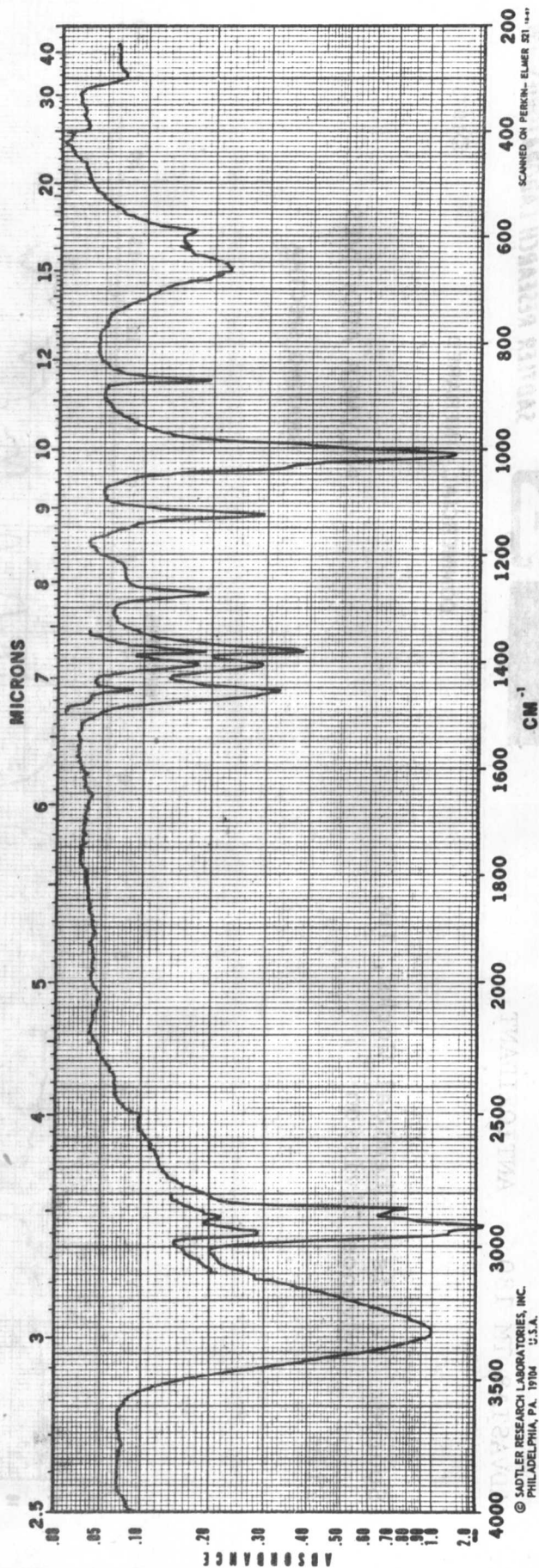
Source: Carlisle Chemical Works, Inc.
Advance Division
Split Mull

COMMERCIAL - INFRARED

©1973

POLYMER ADDITIVES

GRATING SPECTRA



DP 10K



SADTLER RESEARCH LABORATORIES, INC.

CARSTAB DMTDP

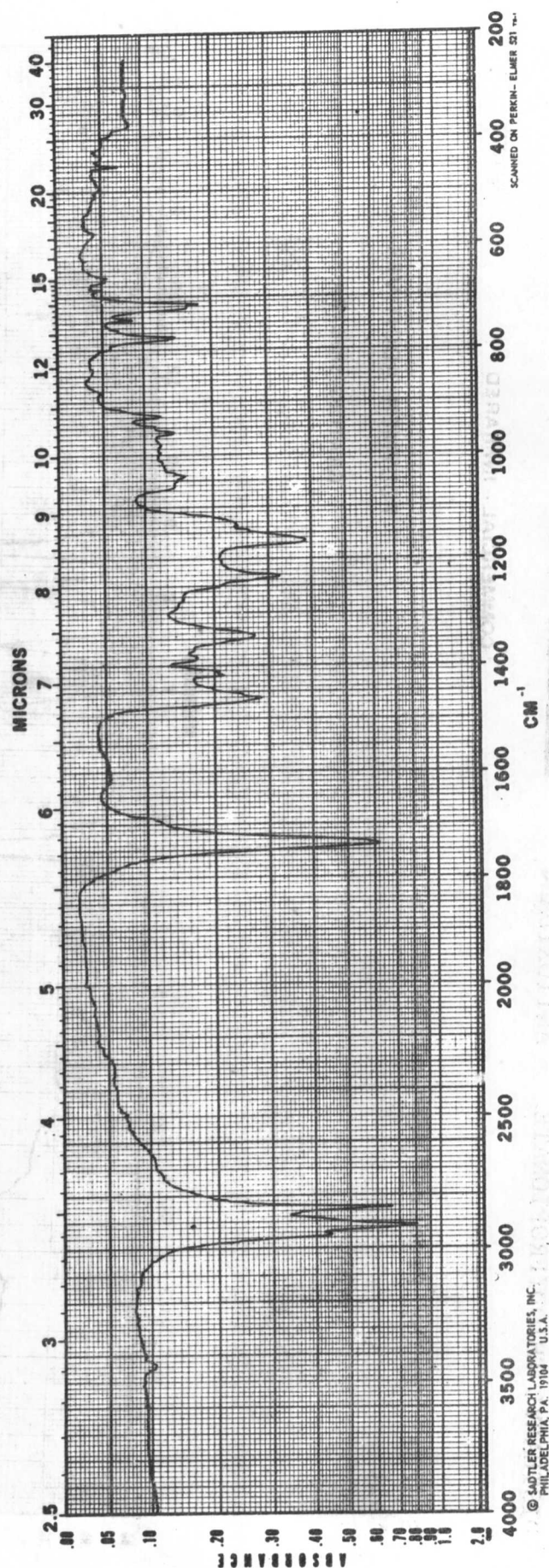
DIMYRISTYLTHIODIPROPIONATE
SYNERGISTIC ANTIOXIDANT FOR POLYOLEFINS

©1973

COMMERCIAL -- INFRARED

Freezing Point 49°C A. V. 0.4
Purity 98.5%
Source: Carlisle Chemical Works, Inc.
Melt

POLYMER ADDITIVES
GRATING SPECTRA



DP 11K



SUBSIDIARY OF
BLOCK
ENGINEERING, INC.

SADTLER RESEARCH LABORATORIES, INC.

DISTEARYL THIODIPROPIONATE ANTIOXIDANT

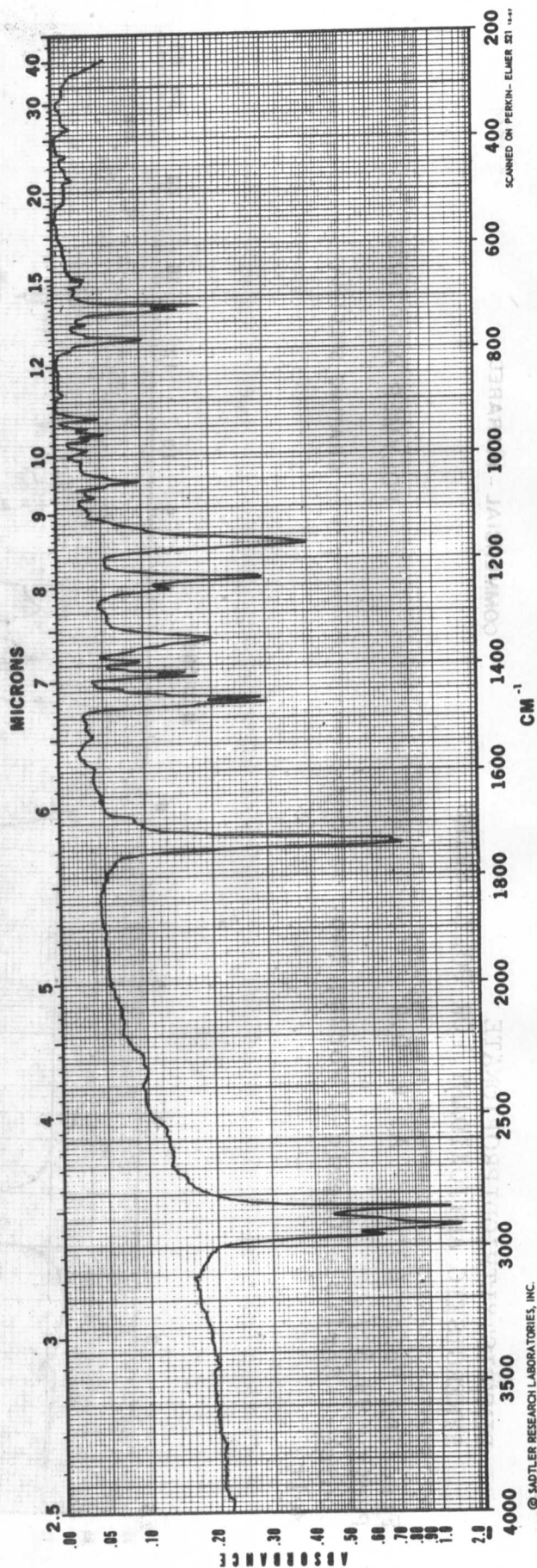
©1973

COMMERCIAL ... INFRARED

POLYMER ADDITIVES

GRATING SPECTRA

Source: Halby Products Company
Melt



© SADTLER RESEARCH LABORATORIES, INC.
PHILADELPHIA, PA. 19104 U.S.A.

DP 12K



SADTLER RESEARCH LABORATORIES, INC.

DI (TRIDECYL) THIODIPROPIONATE ANTIOXIDANT

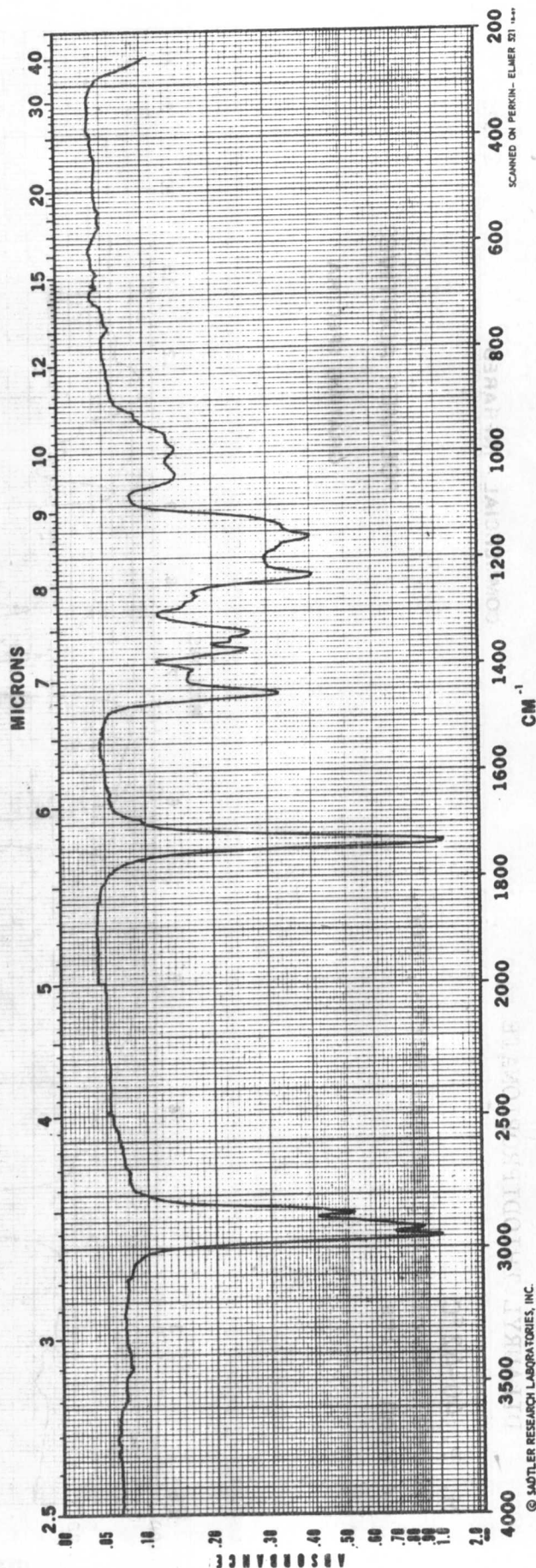
© 1973

COMMERCIAL - INFRARED

POLYMER ADDITIVES

GRATING SPECTRA

Source: Evans Chemetics, Incorporated
Between Salts



© SADTLER RESEARCH LABORATORIES, INC.
PHILADELPHIA, PA. 19104 U.S.A.

DP 13K



DILLYDAP ANTIOXIDANT

DILAURYL THIODIPROPIONATE

M. P. 40-42°C

Source: Carlisle Chemical Works, Inc.
Between Salts

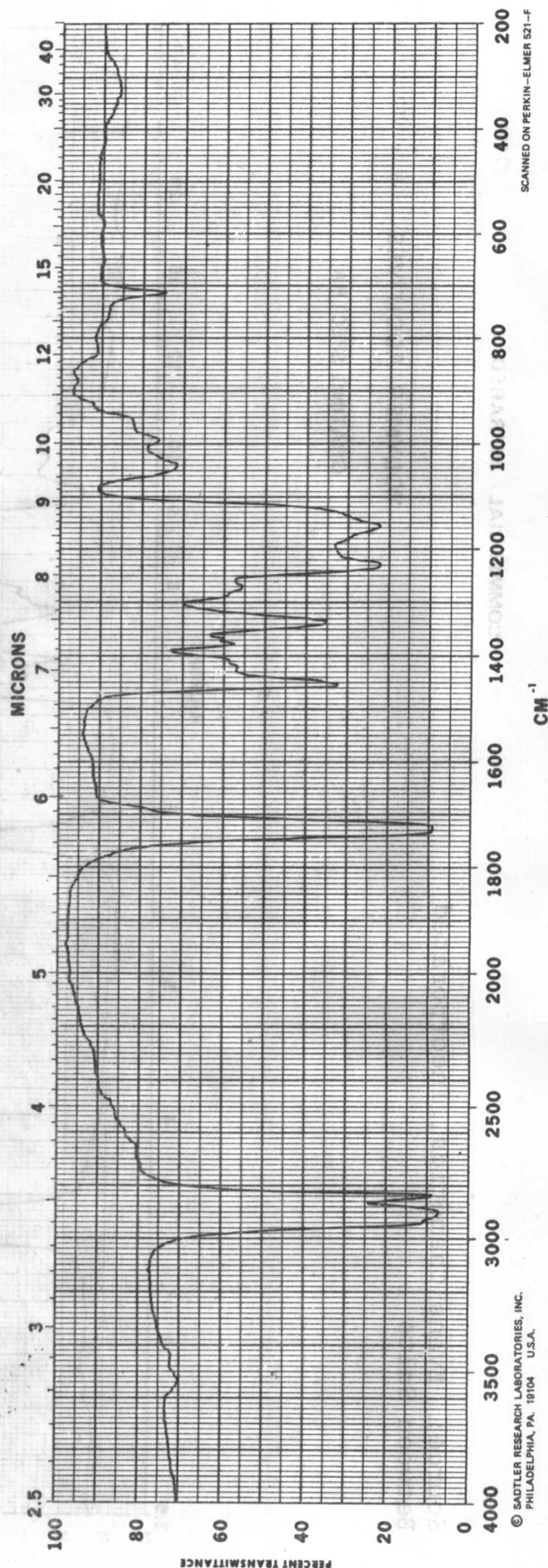
SADTLER RESEARCH LABORATORIES, INC.

©1973

COMMERCIAL INFRARED

POLYMER ADDITIVES

GRATING SPECTRA



© SADTLER RESEARCH LABORATORIES, INC.
PHILADELPHIA, PA. 19104 U.S.A.

CM⁻¹

DP 14K