

SYMPOSIUM ON STATISTICAL METHODS FOR THE DETERGENT LABORATORIES

Presented at a
MEETING OF COMMITTEE D-12 ON
SOAP AND OTHER DETERGENTS
New York, N. Y., March 18, 1952



ASTM Special Technical Publication No. 139

Published by the AMERICAN SOCIETY FOR TESTING MATERIALS 1916 Race St., Philadelphia 3, Pa. COPYRIGHT, 1953
BY THE
AMERICAN SOCIETY FOR TESTING MATERIALS

FOREWORD

The papers on Statistical Methods for the Detergent Laboratories were presented at a meeting of Committee D-12 on Soaps and Other Detergents on March 18, 1952 in New York City. Mr. J. C. Harris, Monsanto Chemical Co., Dayton, Ohio acted chairman for the session.

NOTE.—The Society is not responsible, as a body, for the statements and opinions advanced in this publication.

CONTENTS

I	PAGI
Introduction—Jay C. Harris	1
Graphical Methods of Statistical Analysis and Tests for Significance—P. L. Schmidt.	3
The Design of Laboratory Control of Laundry Washrooms Based on an Analysis of Varian—George S. Freeman and Morris I. Cohn	
The Importance of Correlations in Detergency Testing—Joseph M. Lambert and Ed-	22

THIS PUBLICATION is one of many issued by the American Society for Testing Materials in connection with its work of promoting knowledge of the properties of materials and developing standard specifications and tests for materials. Over the years the Society has published many technical symposiums, reports, and special books. These may consist of a series of technical papers, reports by the A.S.T.M. technical committees, or compilations of data developed in special Society groups with many organizations cooperating. A list of A.S.T.M. publications and information on the work of the Society will be furnished on request.

