

The American Oil Chemists' Society

Notes and Correspondence

Letter to Members from President Trevithick

Dear Fellow Members:

The Holiday season being with us again, permit me to extend most cordial Christmas Greetings and best wishes for a most prosperous and happy New Year to you all.

The Society year is fast drawing to a close, and it is desired that the various Committees finish their work as soon as possible. Their recommendations should be in the hands of the Uniform Methods Committee not later than April 1st, in order that they can be properly considered before the annual meeting. Will each of the Chairmen send one copy of his report to the Chairman of the Planning Committee, Mr. H. J. Morrison, Ivorydale, Ohio, one copy to the Chairman of the Uniform Methods Committee, Mr. N. C. Hamner, Dallas, Texas, and one copy to the President.

So far this year, the officers of the Society have been very busy trying to get some results in the standardization of Lovibond Glasses. Miss Walker became research associate at the Bureau of Standards in September, and besides assisting in standardizing the set of 130 red glasses, has been preparing a set of glasses which are accurate and are as nearly as possible actual units or tenths of units. These will make much easier the task of checking the actual values of the glasses to be submitted by the members. We hope to announce very soon that the Bureau of Standards will be ready to start on our glasses.

The Bureau has finished the work on the red glasses, and although Mr. Priest promised only to pick out the actual 7.6 glasses from those submitted, his staff have accurately calibrated the glasses and returned them to us with the correct values of each glass. This entailed a great deal more work by the Bureau, but it gave us 130 accurately standardized glasses, instead of just 20 or 25 glasses which were 7.6 and the rest of unknown values. As soon as the Bureau staff have prepared their set of glasses of actual tenth unit values, they will calibrate the yellow glasses submitted, by obtaining the correction of red for them. As Mr. Priest reported in Memphis, most of the yellow glasses are not true yellows but each contains red equivalent to one or more tenths.

The Revision Committee has about completed its work of revising the methods of the Society by eliminating all references to the Interstate rules, etc., in them and making them strictly chemical methods. By the time of the annual meeting if not before, we hope to have a complete report from this committee, and also to have some plan ready for publishing the methods complete, probably in a loose-leaf volume. This volume should contain not only the methods formerly published in the Interstate Rule Book, but also the "Fat Analysis Committee" methods and such other methods as oil chemists find necessary and useful in their work. By having the methods in loose leaf form, we can keep them up to date with the annual revisions.

In closing, I desire to extend the

President's thanks to all Chairmen and members of committees and to the membership at large for their splendid co-operation in the Society's work and to bespeak your continued efforts for the progress of our profession and of the oil industry.

H. P. Trevithick, Pres.,
December 7, 1927

Progress on Color Glass Standardization

The President of the American Oil Chemists' Society has received the following correspondence from the Bureau of Standards, Department of Commerce, reporting on the status of the Lovibond color-glass standardization work, as of October 1, and on the further progress attained in October. As outlined in the reports, it is the purpose of the Bureau to submit a monthly statement of progress to the Society.

Mr. H. P. Trevithick, President,
American Oil Chemists' Society,
New York Produce Exchange,
No. 2 Broadway,
New York, N. Y.

Subject: Standardization of
Lovibond Glasses.

Dear Sir:

1. I am transmitting herewith report on status of cooperative work on standardization of Lovibond glasses as of October 1, 1927.

2. Another copy of the same report is being sent to Mr. Putland.

3. Your attention is particularly invited to Mr. Priest's recommendation that either yourself or Mr. Putland (or both of you) make regular monthly visits to the Bureau in order to keep in close touch with the progress of this investi-

gation. I hope you will find it possible to follow this suggestion.

Respectfully,

L. J. Briggs,
Acting Director
Bureau of Standards
Department of Commerce.

Report on Status of Work,
October 1, 1927

1. Miss Geraldine K. Walker, employed as Research Associate by the American Oil Chemists' Society, reported for duty at the Bureau of Standards Monday morning, September 12, 1927.

2. Status of Standardization at Time of Miss Walker's Arrival:

(1) The specifications for American Standard Red and Yellow Scales had been established by Priest and Gibson. (Reported at Memphis Convention, A.O.C.S., May, 1927.)

(2) The following glasses had been standardized in terms of this scale:

(a) In Bureau of Standards set (B.S. 9940) glasses of *nominal* values as follows: Red glasses of integral values from 1.0 to 20.0; yellow glasses of integral values from 1.0 to 20.0; fractional red glasses from 0.01 to 0.09, and the exact tenths from 0.10 to 0.90; fractional yellow glasses, 0.01, 0.10, 0.20, and 0.40.

(b) Glasses belonging to A.O.C.S. (B. S. Test No. 41960): Red glasses, nominally integral values from 1.0 to 20.0, and nominally exact tenths from 0.10 to 0.90; yellow glasses, nominally integral values from 1.0 to 10.0, and 20.0, 30.0, and 35.0.

(Results on the A.O.C.S. glasses were reported at Memphis Convention, A.O.C.S., May, 1927.)