

The method prevents oxidation of the sample while the moisture is being determined.

No special training in technic is required for manipulation as several analysts unacquainted with the method were able, after simple explanations, to obtain entirely satisfactory results at the start.

Discussion

The moisture apparatus used did not exactly meet the required specifications being the first apparatus made by the manufacturer.

Your Committee knows of no other analytical process in which we are concerned that needs greater special attention as shown by our moisture results on check meal work, and it also shows conclusively that many of our laboratories are not equipped with a constant and uniform moisture oven.

In using this moisture apparatus the Committee confined its attention to Cottonseed Meal. Since the results were few, and the apparatus used requires a slight modification, your Committee does not feel justified at this time in giving its results in detail. However, they are available to any one interested.

The results obtained show that two analysts can check much more closely with the Bidwell Sterling apparatus than they can by use of the present laboratory ovens.

The greatest value of the Bidwell-Sterling method is that it arrives at the true moisture content, thus enabling the analyst to see how close his oven method is to being correct. If our study in connection with the Bidwell-Sterling method enables us to ascertain whether or not our laboratories are equipped with a uniform and constant moisture oven, we have accomplished much.

The Committee sees great merit in the Bidwell-Sterling moisture apparatus and recommends that all participants in check meal work be required to report moisture once a month by both methods, and that the Bidwell-Sterling moisture method be further studied by a Moisture Committee, particularly in reference to moisture content of all substances of direct interest to the American Oil Chemists' Society.

Committee: P. S. TILSON, Chairman; E. C. AINSLIE.

A CORRECTION

"Mr. H. C. Moore, Chairman of the Ammonia Committee, American Oil Chemists' Society, wishes to announce that in his report published in the October issue of this journal the results of analyst No. 48 were omitted. This result should appear in table No. 2, page 121, and is tied for third place with analyst No. 74."