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TITLE: THE ACCURACY OF THE WINKLER METHOD FOR DISSOLVED OXYGEN ANALYSIS1

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ABSTRACT:

The potential errors in the various techniques for the Winkler method have been examined and a new technique developed. The accuracy of this technique has been tested by comparison with standards based on dissolving known quantities of oxygen in oxygen-free water. An accuracy of 0.1% was observed, so the technique appears suitable for oxygen analyses requiring an accuracy of greater than the 3-5% observed with the common techniques.

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