



IMPORTANT NOTICE

COD Procedure Notes

For Use When Comparing COD Vials to Alternative Suppliers

- Material differences from lot-to-lot in ALL COD vials commercially available can produce varying test results if instrumentation is not zeroed correctly. When a new manufacturing lot of COD Vials is used, the spectrophotometer must be zeroed with a reagent blank vial from the particular manufacturing lot. See Step 8 in the Test Procedure included with your kit. The lot number is located on the test kit label.
- CHEMetrics highly recommends that comparison data be generated with COD Standard Solutions. Data generated using COD Standard Solutions is dependable and should remove any biases associated with comparative analyses of samples. In addition, it is critical to the accuracy of the test results that only like comparisons of the COD vials be performed, i.e. mercury-free to mercury-free and mercury-containing reagents to mercury-containing reagents.
- Each lot of CHEMetrics COD vials is rigorously checked against known standards at multiple concentrations throughout the test range. COD vial performance is evaluated using a Hach spectrophotometer and CHEMetrics' V-2000 multi-analyte photometer. Acceptance guidelines are strict and ensure dependable, quality results.

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