

COD TEST METHOD

SPEEDS RESULTS

BETHLEHEM, PA (August 8, 2003) – The accu-TEST™ COD method can now be used for rapid evaluation of wastewater at low cost, according to manufacturer Bioscience, Inc.

COD measurements are often used to predict BOD and determine waste strength, when EPA reporting is not required. The colorimeter-based test uses the EPA accepted micro version of the Standard Methods procedure, but the standard time for digestion of the sample (2 hours) can be lessened for a more rapid result. For a more rapid determination of COD the sample can be heated for as little as 15 minutes and correlations made to the two-hour digestion. When a reproducible correlation is established, the 15 (or 30) minute digestion can be used and extrapolated to the two-hour standard test. This information is very useful in wastewater treatment systems with very low hydraulic retention times and highly variable streams.

A complete description of colorimetry for COD and other tests can be obtained from Bioscience, Inc., 1550 Valley Center Parkway, Suite 140, Bethlehem, PA 18017, phone 610-974-9693, fax 610-691-2170 or e-mail bioscience@bioscienceinc.com.