

TECTA System Approvals

AOAC Approval

Regulatory Bulletin: A summary of the AOAC approval received by the TECTA system

The TECTAlert CCA and TECTA™ B16 system underwent a rigorous, and independent study and is approved as an AOAC PTM Method (Certificate 010801). The goal of the study was to confirm the exceptional performance of the TECTA system in a variety of matrices including drinking water, recreational water and a variety of beverages. Some of the matrices were particularly challenging for current methods and demonstrated the advantages of the TECTA system.

The test matrices included tap water, well water, lake water, vegetable wash water, bottled water (high and low mineral content) and diet iced tea.

The study utilized both the US EPA and the US FDA-BAM standard methods as comparisons to the TECTA system.

The study confirmed the performance of the TECTA as equivalent to both the EPA and FDA-BAM methods. The study also confirmed lot-to-lot consistency, shelf life claims and also confirmed the system performance when temperature and sample volumes were varied beyond normal operating conditions.

The AOAC Certificate is available and that certificate includes full details of the method performance, the principle of operation, review of the study, and a complete list of results.

Please see the following documents for more detail:

RB-23-00-AOAC Certificate 2016
2016 Formal certificate and validation protocol details from AOAC

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