



## Technical Tip 08

# ZEUS AtheNA Multi-Lyte<sup>®</sup> Test System

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### **Subject: AtheNA Multi-Lyte<sup>®</sup> Control Graphs**

*The AtheNA Multi-Lyte<sup>®</sup> Test System software provides several Control Graph options. Each one will enable the user to generate and print a graph for each control (kit or in-house) of a selected Test System. The options are:*

#### **Control Levey-Jennings**

#### **Control Upper / Lower Limits**

#### **In House Control Levey-Jennings**

**Control Levey-Jennings:** The Control Levey-Jennings is used to trend the test system positive controls. The software presents a graphical view of how the individual positive control values within a particular lot number are trending. This program will calculate the mean and standard deviation (SD) of all the data points generated with the kit provided positive controls. This data is dynamic and changes with each run data point that is added. The purpose is for each customer to trend their positive control by lot number and analyte. Both a graphic display and a data summary are printable. There must be at least two valid data point for a graph to be generated.

**Control Upper / Lower Limits:** The Control Upper/Lower Limits is used to trend each analyte (within a particular control lot of a selected Test System) against its defined upper and lower limits. The upper and lower limits are generated from the lot specific calibration CD. The mean and upper and lower limits are entered into the AtheNA Multi-Lyte<sup>®</sup> Test System software from the test kit CD and are constant. They will NOT change with each run data point that is added. Both the graphic display and a data summary are printable. There must be at least two valid data points for a graph to be generated.

**In House Control Levey-Jennings:** The In House Control Levey-Jennings is used to trend the In House controls by lot number and analyte. The software presents you with a graphical view of how the individual In House control values within a particular lot number are trending. This program will calculate the mean and standard deviation (SD) of all the data points generated with the customers' In House controls. This data is dynamic and changes with each run data point that is added. The purpose is for each customer to trend their In House control by lot number and analyte. Both a graphic display and a data summary are printable. There must be at least two valid data point for a graph to be generated.

**For examples of the graphs/charts and additional information, please review the "Using Control Graphs" section in the AtheNA Multi-Lyte<sup>®</sup> Manual v3 which is provided in every AtheNA Multi-Lyte<sup>®</sup> Test System Lot CD.**