Standard Operating Procedure for EDAX Linescan

1. Set a preset for spectrum collection

2. Select an appropriate amp time to obtain a dead time between 20-40%

3. Collect an electron image

4. Collect a spectrum

5. Identify the peaks

6. Switch to linescan

7. Click on the draw line button

8. Select the number of points, a dwell for collection at each point, the data type and if desired, check the Quant box for a Quant linescan. A time estimate based on the number of points and the dwell will be displayed in the status bar at the bottom of the screen

9. Begin the linescan. A dialogue box will open to select a file name and location

10. When finished, Excel will open automatically with the collected data displayed. Plot the linescan using the chart wizard.