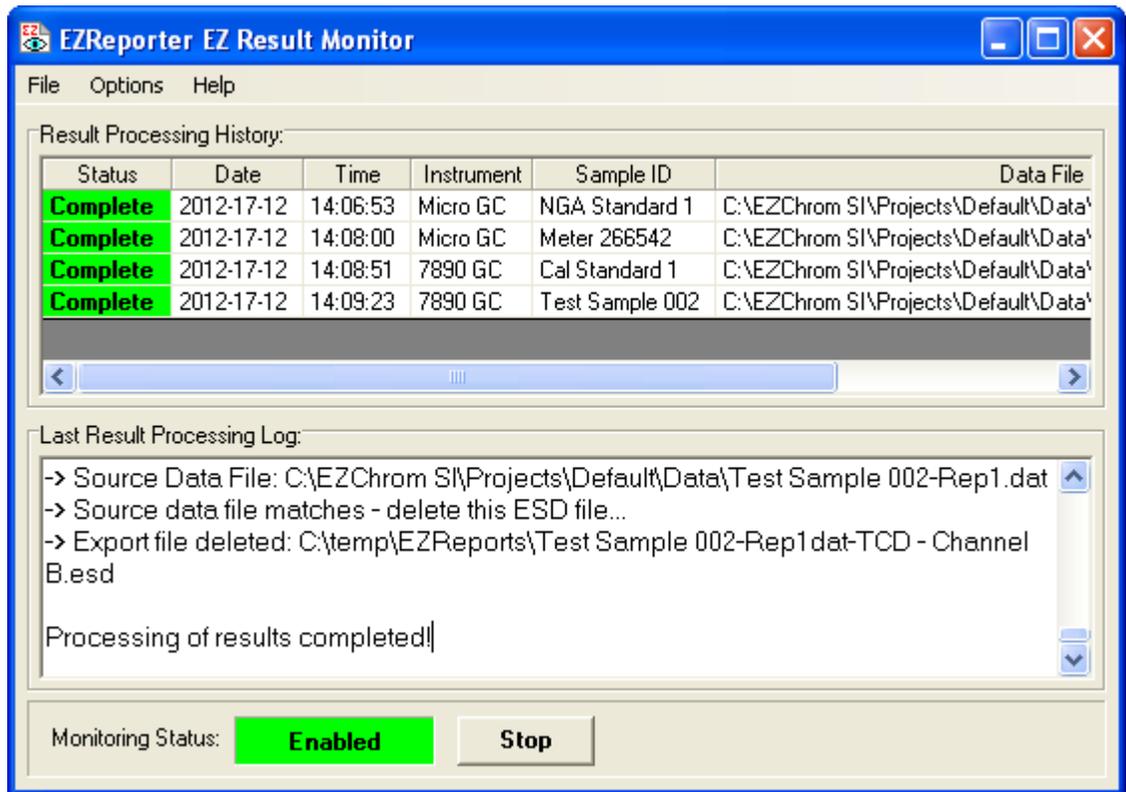


EZ Result Monitor



Diablo Analytical EZReporter Software
EZ Result Monitor Reference Manual

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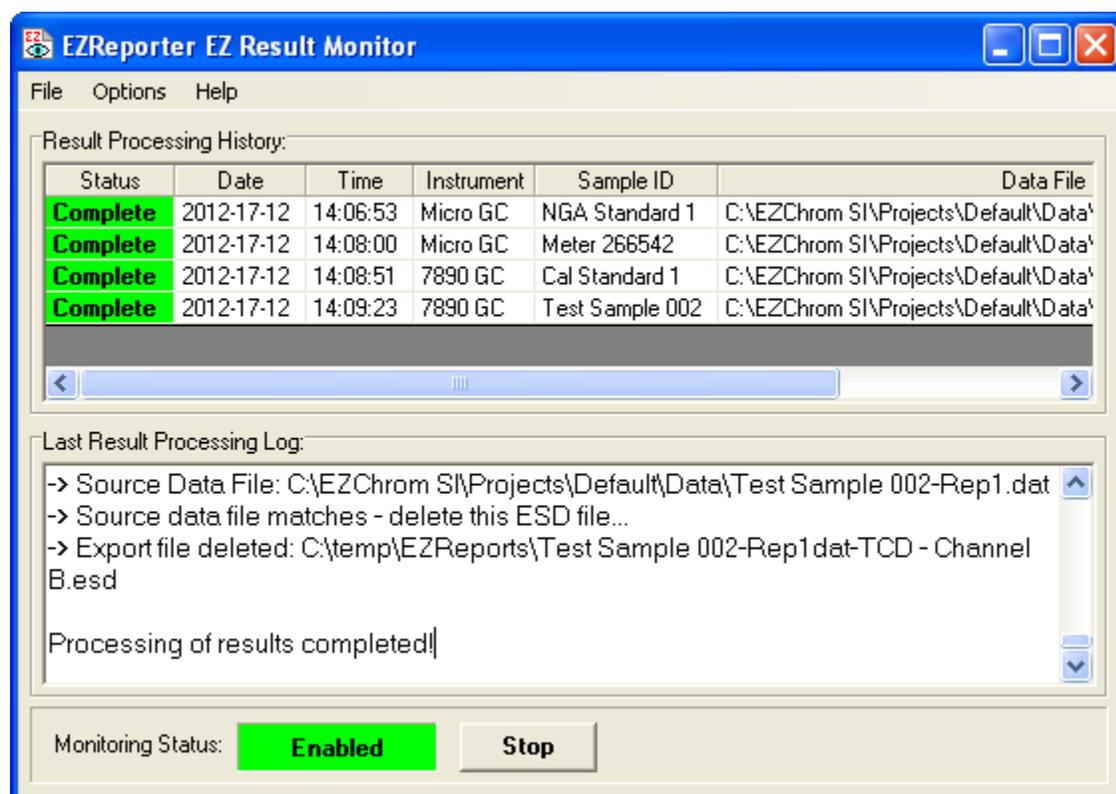
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EZReporter EZ Result Monitor

Introduction

The EZReporter EZ Result Monitor is an alternative to the “Connector” program that is used to transfer results from the EZChrom chromatography data system to EZReporter for processing and reporting. It is designed to monitor the export folder specified in the EZChrom method for the presence of exported “.ESD” text files. When a new .ESD file is found, it will process that file as well as the Sample Information Results (SPL file) and any related files from other channels.



The EZ Result Monitor software was written to address two situations:

- 1) There currently appears to be a defect in the OpenLab version of the EZChrom data system that results in the ProcessEZChromData.EXE connector program not being run as the “After Export” program after Acquisition

(however, it does run correctly when reanalyzing a data file). The EZ Result Monitor eliminates the need for the After Export program by monitoring the Export Folder directly for new .ESD text files, and then processing them as they are found.

- 2) EZReporter was originally written for single-instrument installations. In multi-instrument installations, processing behavior could be unpredictable if one instrument tried to initiate processing of results before EZReporter had finished processing results from another instrument. The EZ Result Monitor is designed to handle results from different instruments by processing all the .ESD files it finds in the export folder in the order it finds them.

Software Requirements

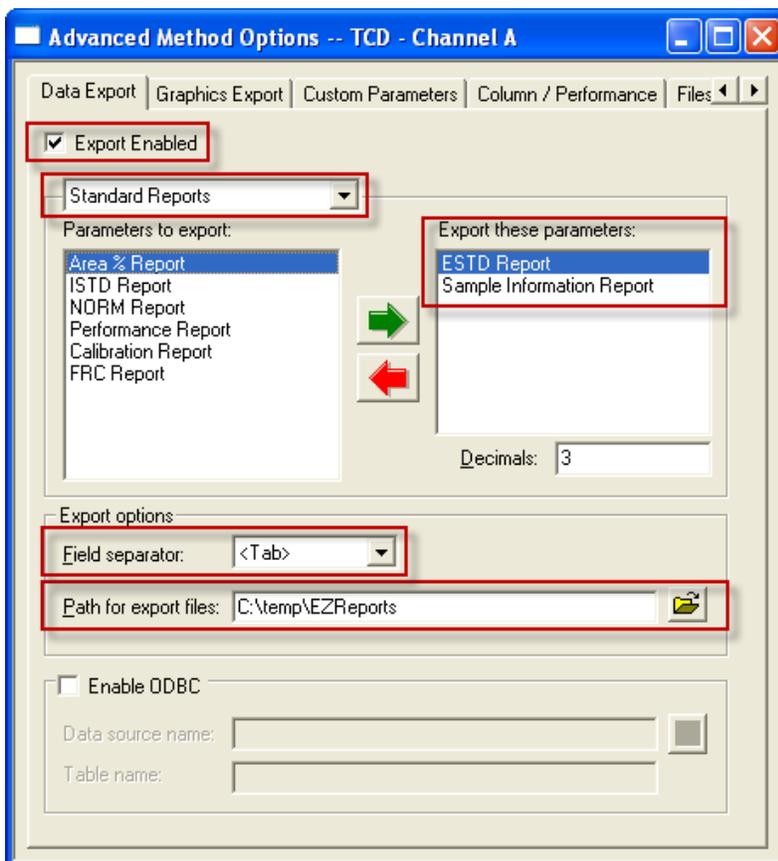
The EZ Result Monitor is designed for use with Agilent Technologies EZChrom and related data systems. Make sure that you are using a version of the EZResult Monitor Software that matches the version of EZReporter you are running.

Configuring the Software

You must configure the EZChrom software to export ESTD Report files (and optionally Sample Information Report files), and then configure the EZ Result Monitor software to watch the specified export folder.

Configure EZChrom

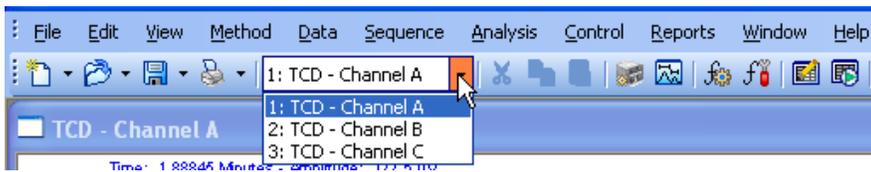
To configure EZChrom to export ESTD and Sample Information Report files, click the “Advanced” option of the “Method” menu, and then select the “Data Export” tab of the “Advanced Method Options” window:



- 1) Check the “Export Enabled” check box.
- 2) Select “Standard Reports” from the list box as shown.
- 3) From the “Parameters to export” list select “ESTD Report” and “Sample Information Report” and then click the green right arrow button to transfer them to the “Export these parameters:” list.
- 4) Choose a “Field separator”. Both COMMA and TAB field separators (delimiters) are supported. However, TAB is the safest and is required if any of your component names include commas.
- 5) Specify the “Path for export files”. Make note of the path to this export folder – you will also need to select it when configuring the EZ Result Monitor software.

IMPORTANT: the logged in user must have full read/write permissions for the export folder.

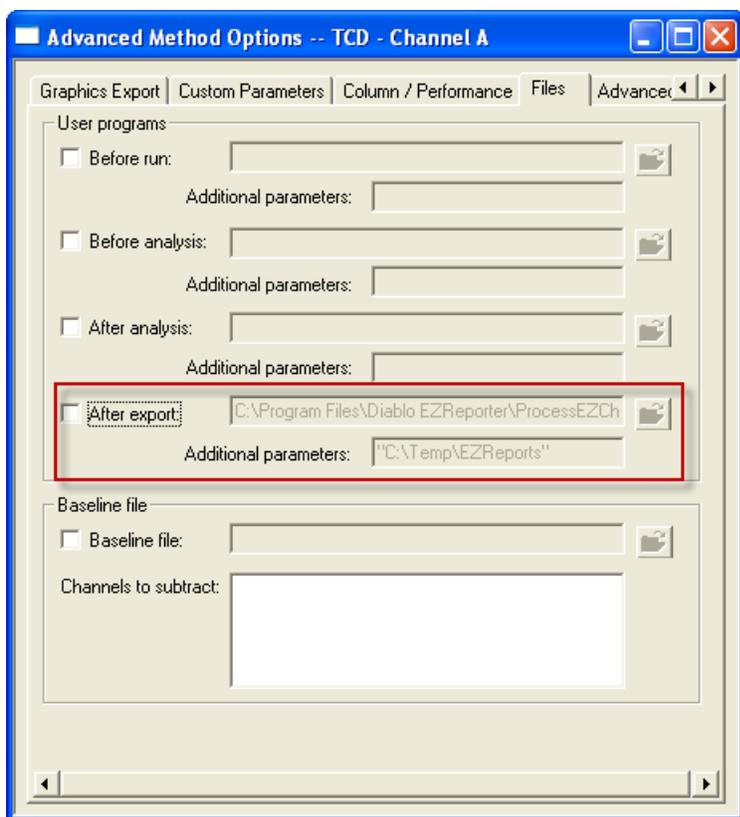
- 6) IMPORTANT: You must repeat steps 1-5 for each channel that will be generating component results. You select each channel using the channel list box in the toolbar:



- 7) When you have finished configuring export for each channel, make sure to save the method by clicking the “File > Method > Save” menu option.

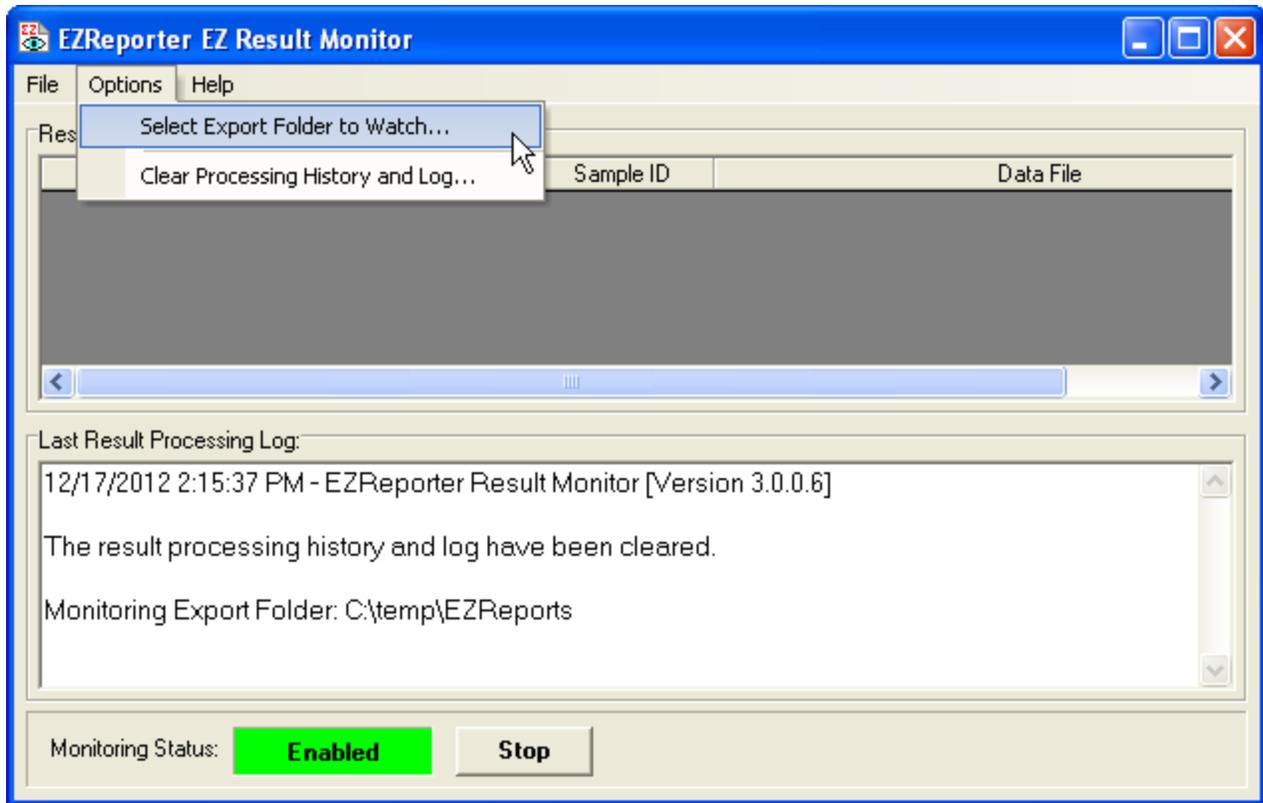
Disable the “After Export” Program in Existing Methods

If you are editing an existing method that was previously set up to call the “connector” program as the “After Export” program, you should disable that option. Click the “Advanced” option of the “Method” menu, and then select the “Files” tab of the “Advanced Method Options” window. Then, uncheck the “After export:” checkbox and save the method:



Configure EZ Result Monitor

The only configuration setting you need to make in the EZ Result Monitor software is to click the “Options > Select Export Folder to Watch...” menu option and browse and select the Export Folder that you specified in the EZChrom method above.

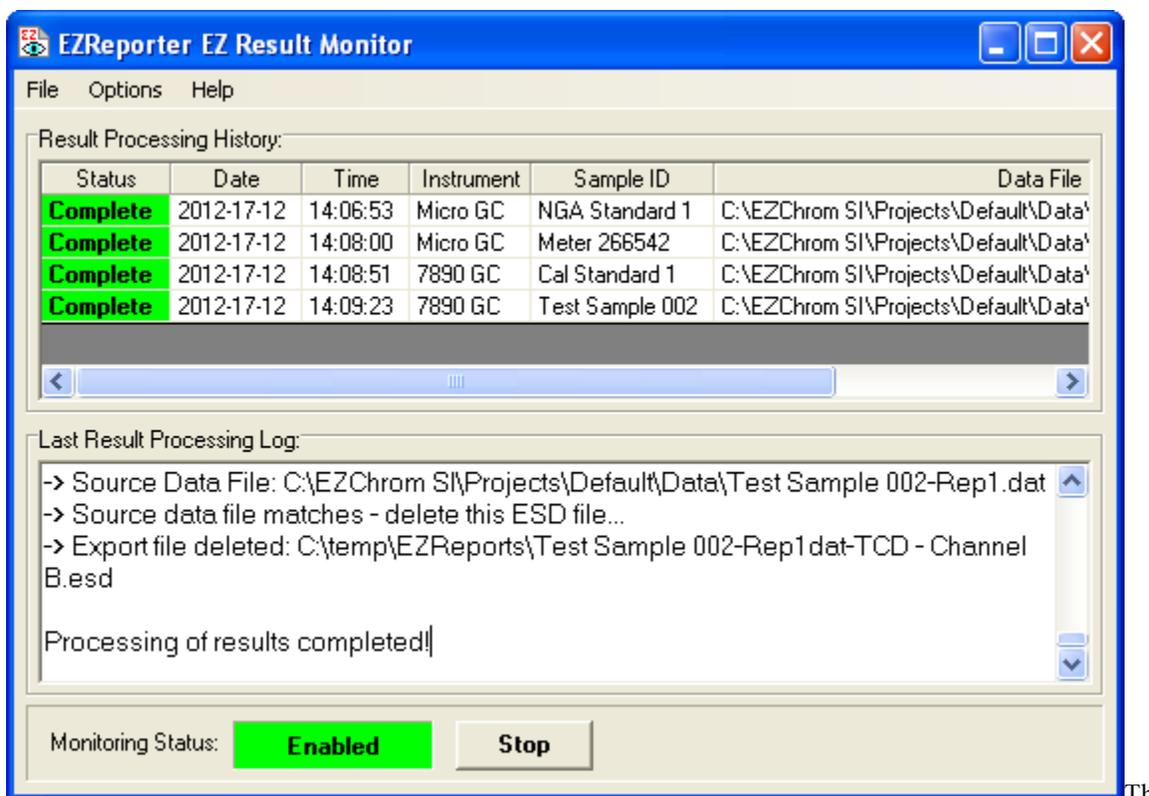


Running the Software

To run the EZ Result Monitoring software you should first start the EZReporter software. Once the EZReporter software had started, simply click the following link using the Windows Start menu:

Windows/Start Button > All Programs > Diablo EZReporter > Data System Connectors > EZ Result Monitor

The EZ Result Monitor software interface includes four sections: the menu, a Results Processing History Table, a Result Processing Log, and the Monitoring Status panel.



Result Processing History

The Result Processing History table summarizes the sample results that have been processed by the software since the last time the software was started or since the log was cleared using the “Options > Clear Processing History and Log...” menu option was last clicked.

Result Status: If the result “Status” is “Complete” with a green background, then the result was successfully processed and sent to EZReporter. If the result status is “Error” with a red background, then an error occurred that prevented the results from being processed. If this is the case, review the Processing Log for information on the error and how to correct it.

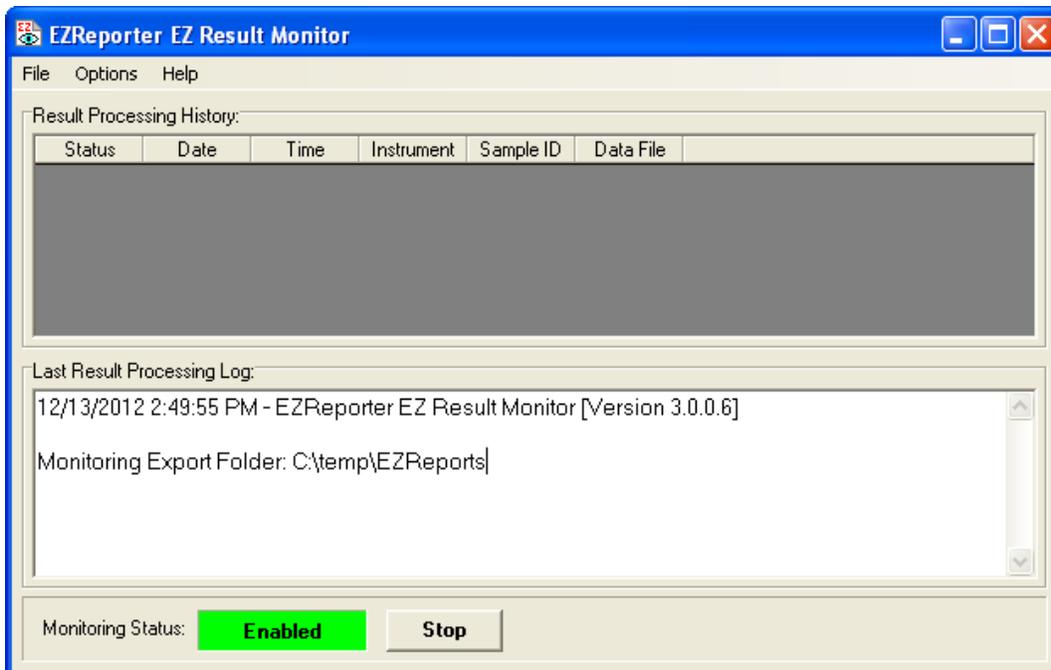
Result Processing Log

The Result Processing Log displays the detailed information about the last set of results that were processed. This can be helpful if you are troubleshooting an error or want to confirm the results that were sent to EZReporter for calculations and reporting.

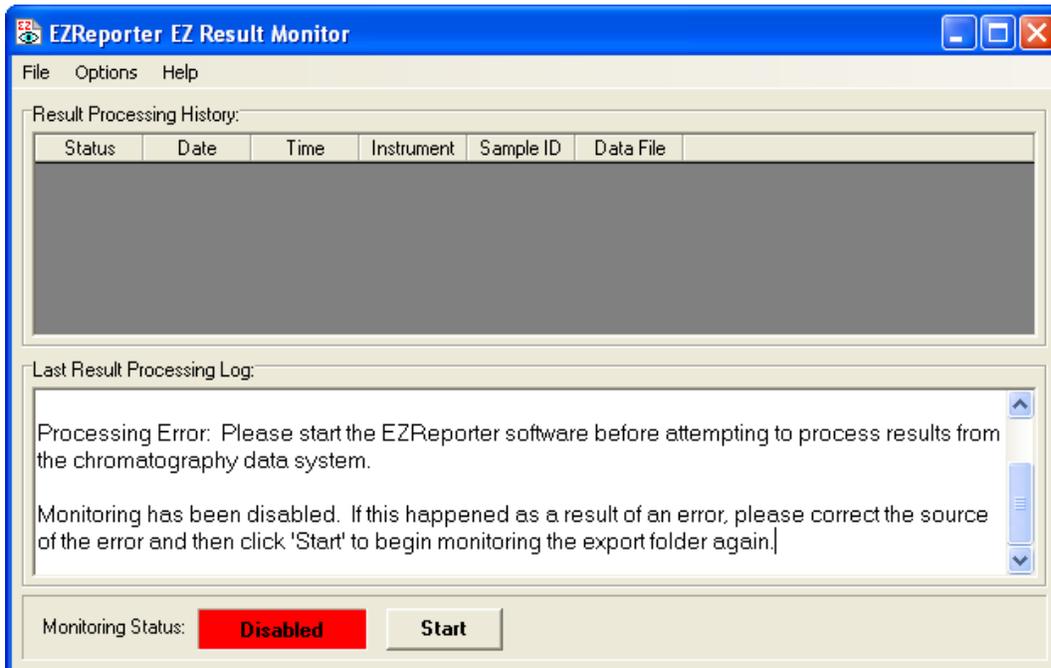
If you click the “File > View Current Log File in Notepad” menu option, the current processing log will be opened in Windows Notepad to make it easier to browse, print, or save the log file.

Enabling or Disabling Monitoring

When you first start the EZ result Monitor Software, it will check to make sure that the Export Folder exists and that EZReporter is running. If both these conditions are met, then it will begin monitoring the export folder and the “Monitoring Status” will be “Enabled” with a green background. If you want to disable monitoring and processing of results for some reason, simply click the “Stop” button.



If any errors occur during startup or during processing of results, monitoring will be disabled automatically. To restart monitoring, you should first fix the cause of the error, and then click the “Start” button.



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