HHS Section 508 / Accessibility of Electronic and Information Technology for People with Disabilities

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** Denotes Required

Refer to the **ITIC Best Practices** for filling out the following form.

Summary Table		
Criteria	**Supporting Features**	**Remarks and explanations**
Section 1194.21 Software Applications and Operating Systems	Supports with Exceptions	Generally the software is compliant, except for areas that require visual interactions inherent to the utility of the software.

Section 1194.21 Software Applications and Operating Systems * Refer to (http://www.access-board.gov/sec508/guide/1194.21.htm) for details on the guidelines listed below.		
Criteria	**Supporting Features**	**Remarks and explanations**
(a) When software is designed to run on a system that has a keyboard, product functions shall be executable from a keyboard where the function itself or the result of performing a function can be discerned textually.	Supports with Exceptions	Adjusting concentrations of compounds in compound table cannot be done with the keyboard in Profiler. All other textually represented functions can be adjusted using the keyboard.
(b) Applications shall not disrupt or disable activated features of other products that are identified as accessibility features, where those features are developed and documented according to industry standards. Applications also shall not disrupt or disable activated features of any operating system that are identified as accessibility features where the application programming interface for those accessibility features has been documented by the manufacturer of the operating system and is available to the product developer.	Supports	All features adhere to the accessibility criteria described here.
(c) A well-defined on-screen indication of the current focus shall be provided that moves among interactive interface elements as the input focus changes. The focus shall be programmatically exposed so that	Supports with Exceptions	There is a well defined on-screen indication of keyboard focus for all features.

Assistive Technology can track focus and focus changes.		The focus is not programmatically exposed to Assistive Technologies.
(d) Sufficient information about a user interface element including the identity, operation and state of the element shall be available to Assistive Technology. When an image represents a program element, the information conveyed by the image must also be available in text.	Does not Support	Assistive Technologies cannot identify or operate interface elements and their statuses.
(e) When bitmap images are used to identify controls, status indicators, or other programmatic elements, the meaning assigned to those images shall be consistent throughout an application's performance.	Supports	All user interface images are consistent throughout the software.
(f) Textual information shall be provided through operating system functions for displaying text. The minimum information that shall be made available is text content, text input caret location, and text attributes.	Does not Support	The software does not provide textual information through the operating system.
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Supports with Exceptions	Spectrum display areas (graphs) have their own independent colour schemes that do not follow operating system colours. All other components of the software adhere to operating system colour settings.
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Supports	There is only one animation feature (zooming) that can be non-animated at the option of the user.
(i) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Does not Support	All spectral lines (graph) are colour coded for identity. This is the only feature where colour coding is used exclusively to convey information.
(j) When a product permits a user to adjust color and contrast settings, a variety of color selections capable of producing a range of contrast levels shall be provided.	Supports	All elements that permit the user to adjust the colour, provide 24-bit RGB/HSV colour selection.
(k) Software shall not use flashing or blinking text, objects, or other elements having a flash or blink frequency greater than 2 Hz and lower than 55 Hz.	Supports	Text cursor and text list elements that blink are slower than 2 Hz.
(l) When electronic forms are used, the form shall allow people using Assistive Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.	Does not Support	Assistive Technologies cannot identify or operate interface elements and their statuses.