

Using Validat 5 (iCD) with Clarity



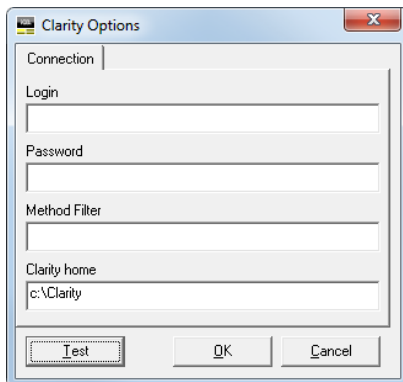
The **Validat 5** may be used with **Clarity Chromatography Station 3.0** and later to validate Clarity methods in accordance with various guidelines such as DIN, USP and ICH. Communication between Clarity and Validat is processed using the **Clarity Interface** – an optional extension in the **Validat SW**. To obtain this interface, contact the **iCD GmbH**, e-mail: support@validat.de.

This datasheet describes a short overview of the Clarity Interface settings in Validat and settings in Clarity to successfully perform an interaction between these programs. For detailed manual, see the **Clarity Interface manual** you will receive together with the Clarity Interface extension.

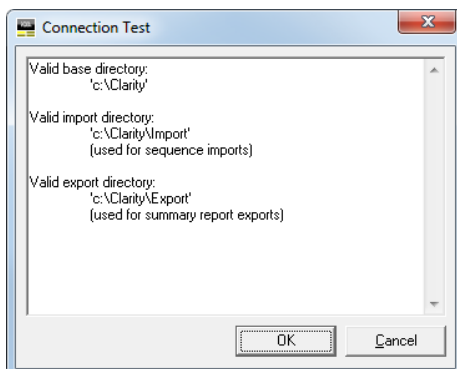
Once you will run Validat with the Clarity Interface installed, a toolbar with set of buttons will be available on the right side of the application window.

Settings of the Clarity Interface in Validat

- Open the **Clarity Interface Options** using the *Interface Options* button.

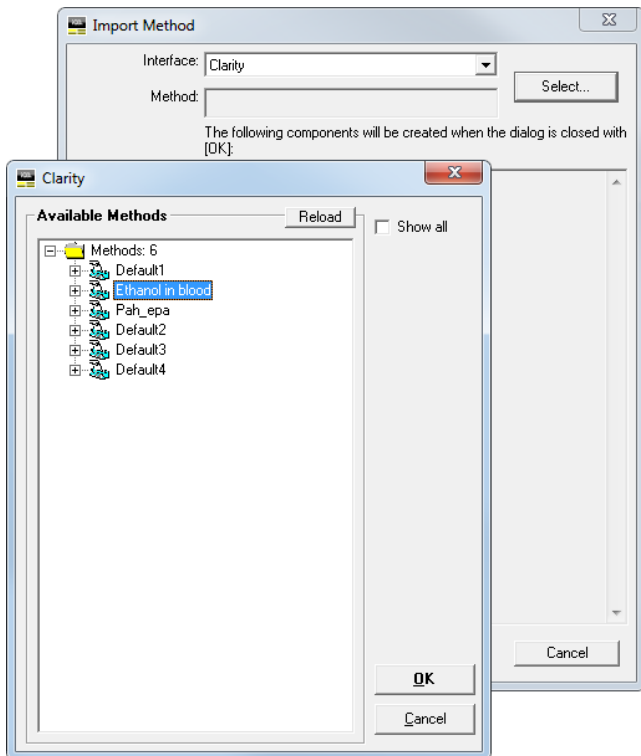


- Enter the Clarity installation directory in the *Clarity home* field (default is *C:\Clarity\Bin*).
- Click the *Test* button and in the displayed dialog, click the *Start* button. This will create the *Import* and *Export* directories for communication between Clarity and Validat. You will be informed about created directories in the **Connection Test** dialog.



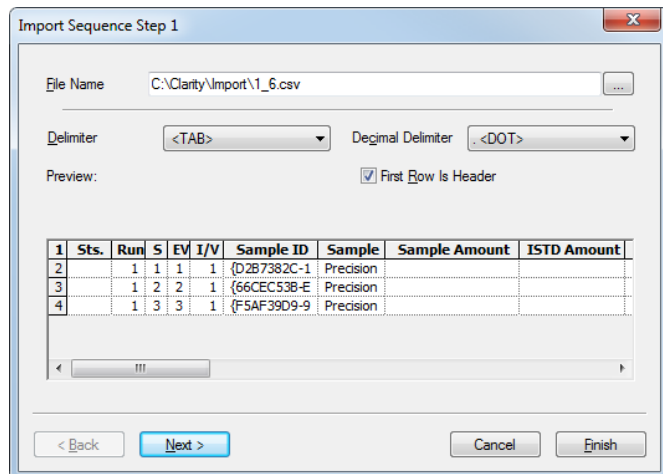
Importing methods from Clarity to Validat

- This function is for associating the Validat project with a **Clarity Method**. Validat can then generate a file for **Clarity Sequences** which will contain linked method in the sequence rows.
- In Validat, click the *Import Method* button, select *Clarity* interface and click the *Select* button. In the displayed dialog, you can select a Clarity method from Clarity projects. In Validat 5.59, only *Work1..4* project directories are listed. Support for listing method from all Clarity projects will be added in near future versions of Validat. Please, contact iCD GmbH for detailed information.



Exporting Sequence data from Validat to Clarity

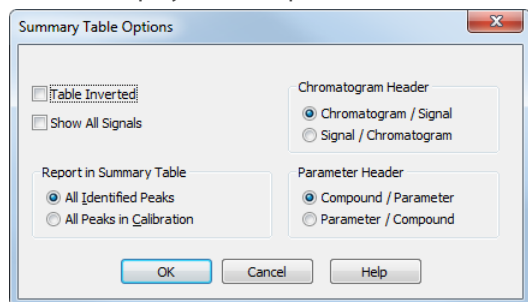
- To export **Clarity Sequences** from Validat project, create them in the Validat - **Plan Export** dialog (accessible by clicking on the *Create Worklist button*).
- After the export, you will find those sequence files in TXT format in the *Import* directory (i.e. *C:\Clarity\Import*).
- In the Clarity - **Sequence** window, click the *File – Import* menu command to display the **Import Sequence** dialog.



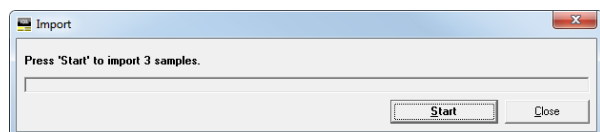
- In the next step of the dialog it is not necessary to match the columns, they are prepared already by Validat.

Importing results from Clarity to Validat

- After you run samples in **Clarity Sequence**, Validat can process **Summary Results** exported from **Clarity Chromatograms**.
- Before exporting, make sure the **Summary Table Options** (menu *Results – Summary Options...*) is set to default as displayed in the picture below:



- In the **Chromatogram** window, click the *File – Export – Summary Table* menu command and choose the *Export directory* as set in the Validat **Interface Options** (i.e. *C:\Clarity\Export*).
- In Validat, click the *Import Data* button and in the displayed **Import** dialog, proceed by clicking on the *Start* button.



To process the data in Validat, follow the Validat and Clarity Interface manuals provided by **iCD GmbH**.