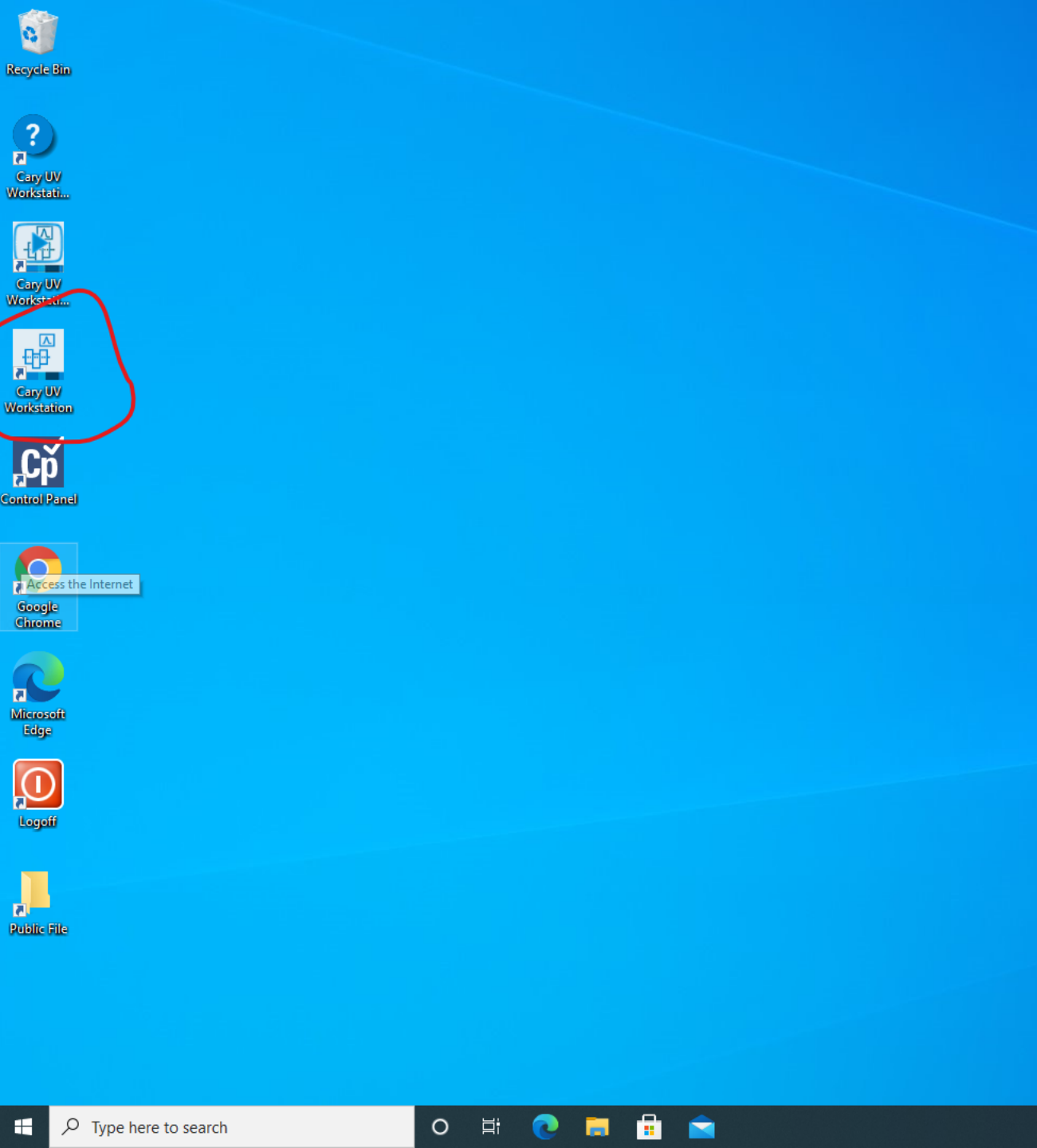


Using the Cary UV-vis to measure the
absorption of Cu and Nd salts



Open the Cary-UV Workstation

Verify that the setup is for two cuvettes: sample and reference

The screenshot displays the Cary UV Workstation software interface. The main window is titled "Setup" and is divided into several sections. On the left, there is a sidebar with icons for file management and settings. The main area contains the following parameters:

- X mode:** nm
- Y mode:** Absorbance
- Collect mode:** Wavelength (Scan is selected)
- Scan range start (nm):** 800.00
- Scan range stop (nm):** 200.00
- Analysis wavelengths:** (empty field)
- Averaging time (s):** 0.020
- Data interval (nm):** 1.00
- Scan rate (nm/min):** 3000
- Spectral bandwidth (nm):** 2.00

On the right side, there is a section for the detector module, labeled "Compact Peltier UV-Vis". Below this, there are two checkboxes: "Sipper" and "Stirring", both of which are unchecked. Underneath, there is a "Display Vertically" section with a diagram of two cuvettes, labeled "2" and "1", and a temperature control section with a "Temperature" label and an "Apply" button.

The Windows taskbar at the bottom shows the search bar, taskbar icons, and system tray with the time 1:56 PM and date 3/5/2021.



Concentration



Kinetics



Scan



Thermal



System verification tests



test
3/3/2021 4:30:18 PM
Batch



ewferwq
1/26/2021 11:47:15 AM
Batch



The connection is a strange aspect of this software. There is a little plug token on the upper right side of the main page. You click on that and click the button below to make the connection.

Instrument connection

Instrument name or IP

MY2034ZA05

Connect




Available Instruments

MY2034ZA05

Cary 3500 UV-Vis

AVAILABLE


169.254.9.40


 Concentration


 Kinetics

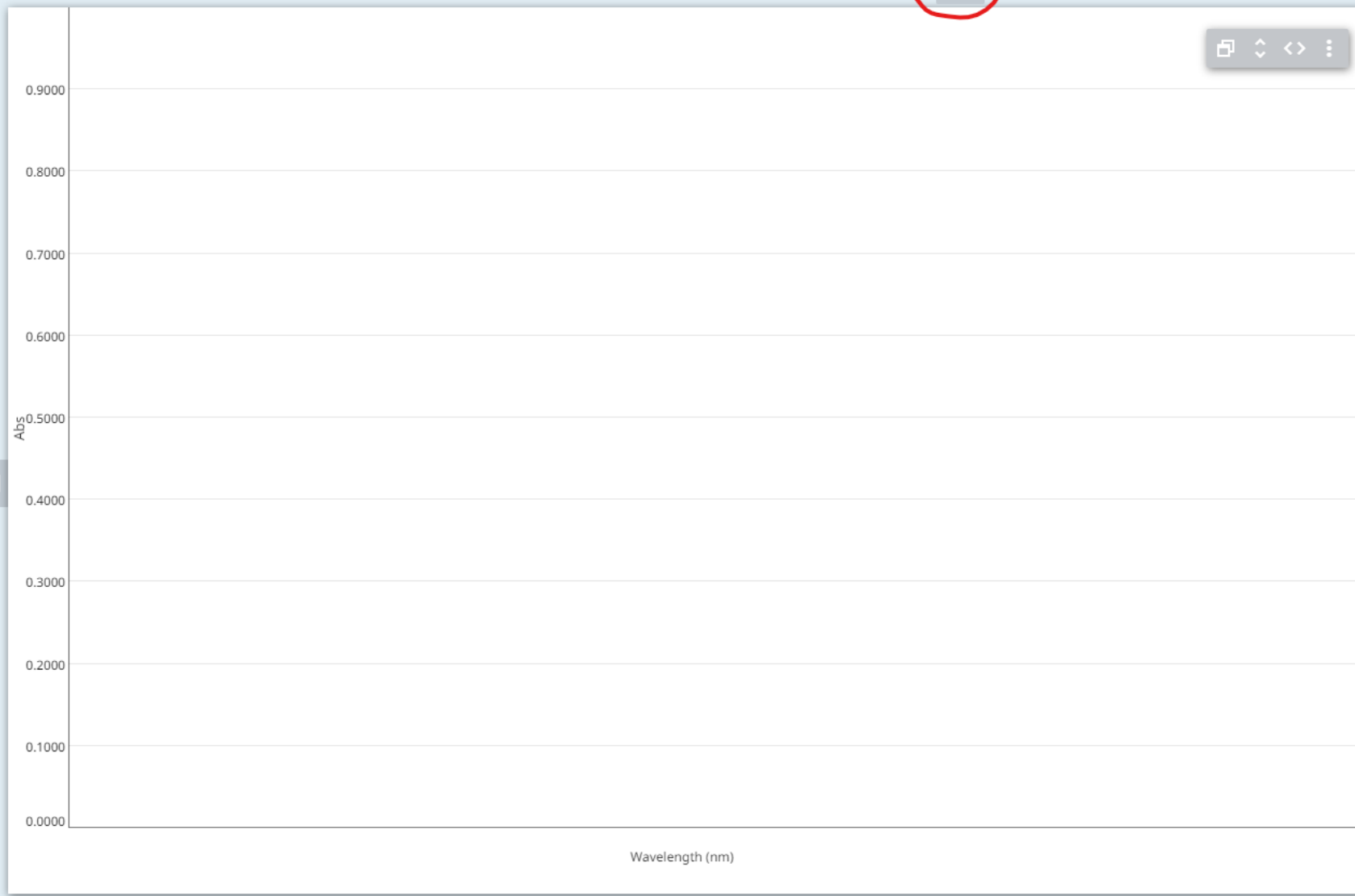
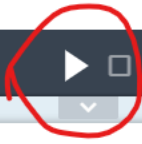
 Scan

 Thermal

 System verification tests

 test
3/3/2021 4:30:18 PM
Batch

 ewferwq
1/26/2021 11:47:15 AM
Batch



Graph legend [X]

Name	X	Y
------	---	---

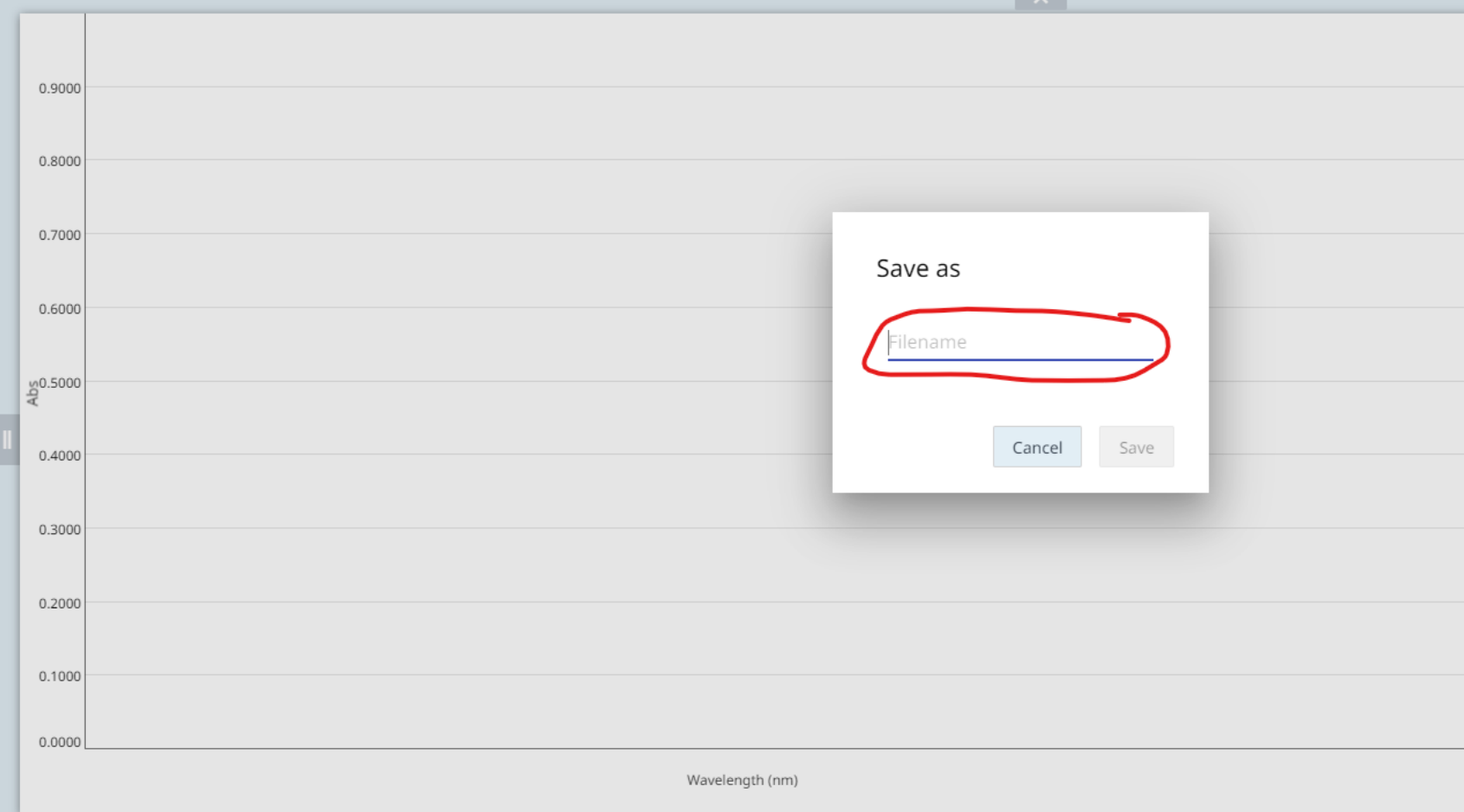
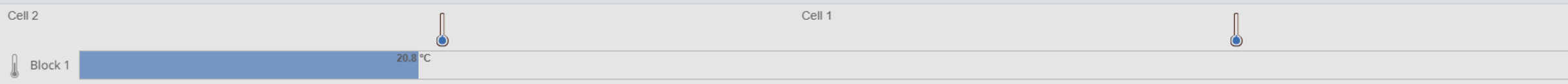
Analysis setup [X]

Analysis wavelengths

Peak preferences

Peak type	Threshold
None	0.1000

Instrument online



Graph legend

Name	X	Y
------	---	---

Analysis setup

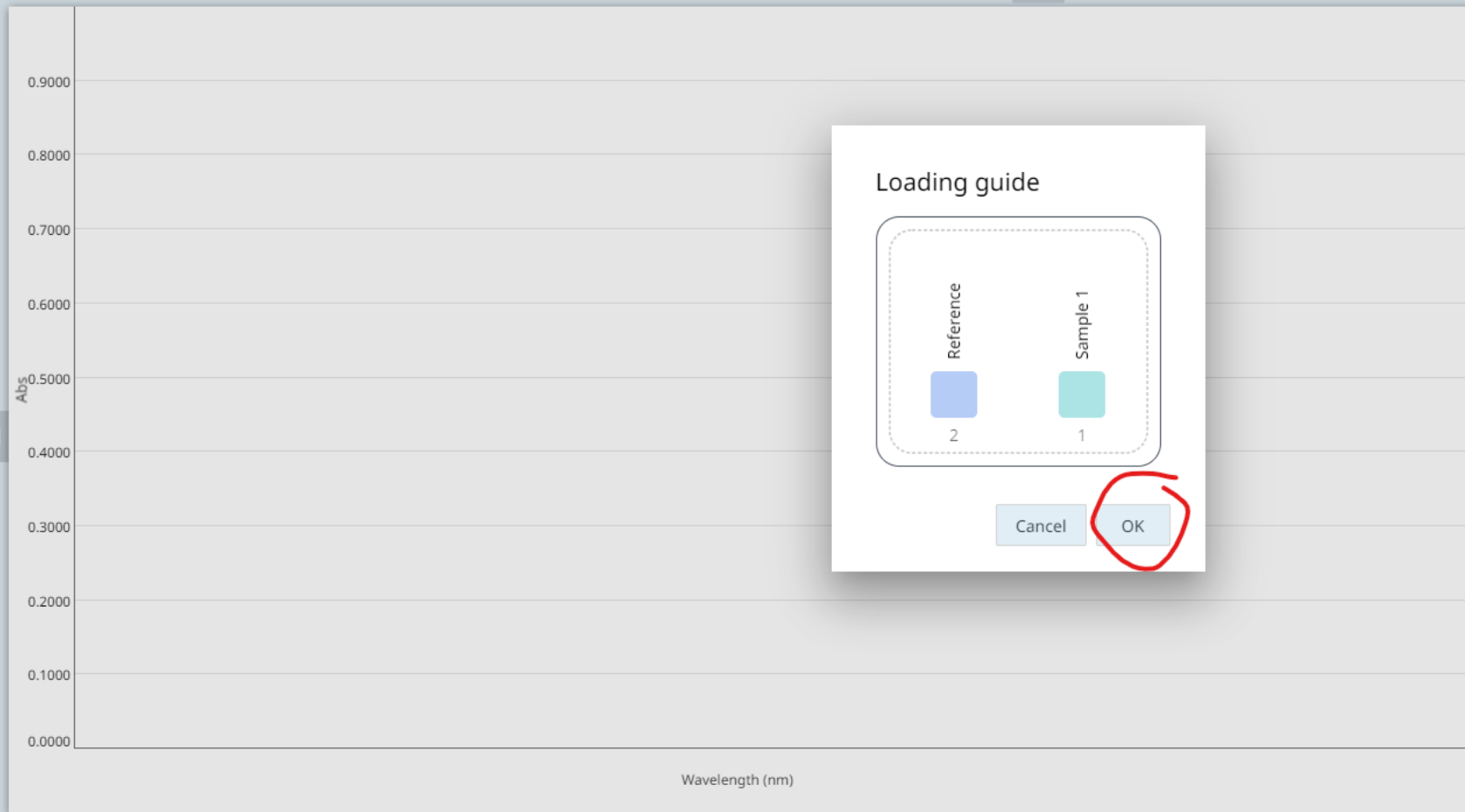
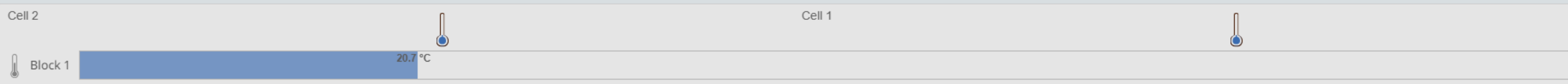
Analysis wavelengths

Peak preferences

Peak type	Threshold
None	0.1000



Instrument busy



Graph legend

Name	X	Y
------	---	---

Analysis setup

Analysis wavelengths

Peak preferences

Peak type	Threshold
None	0.1000

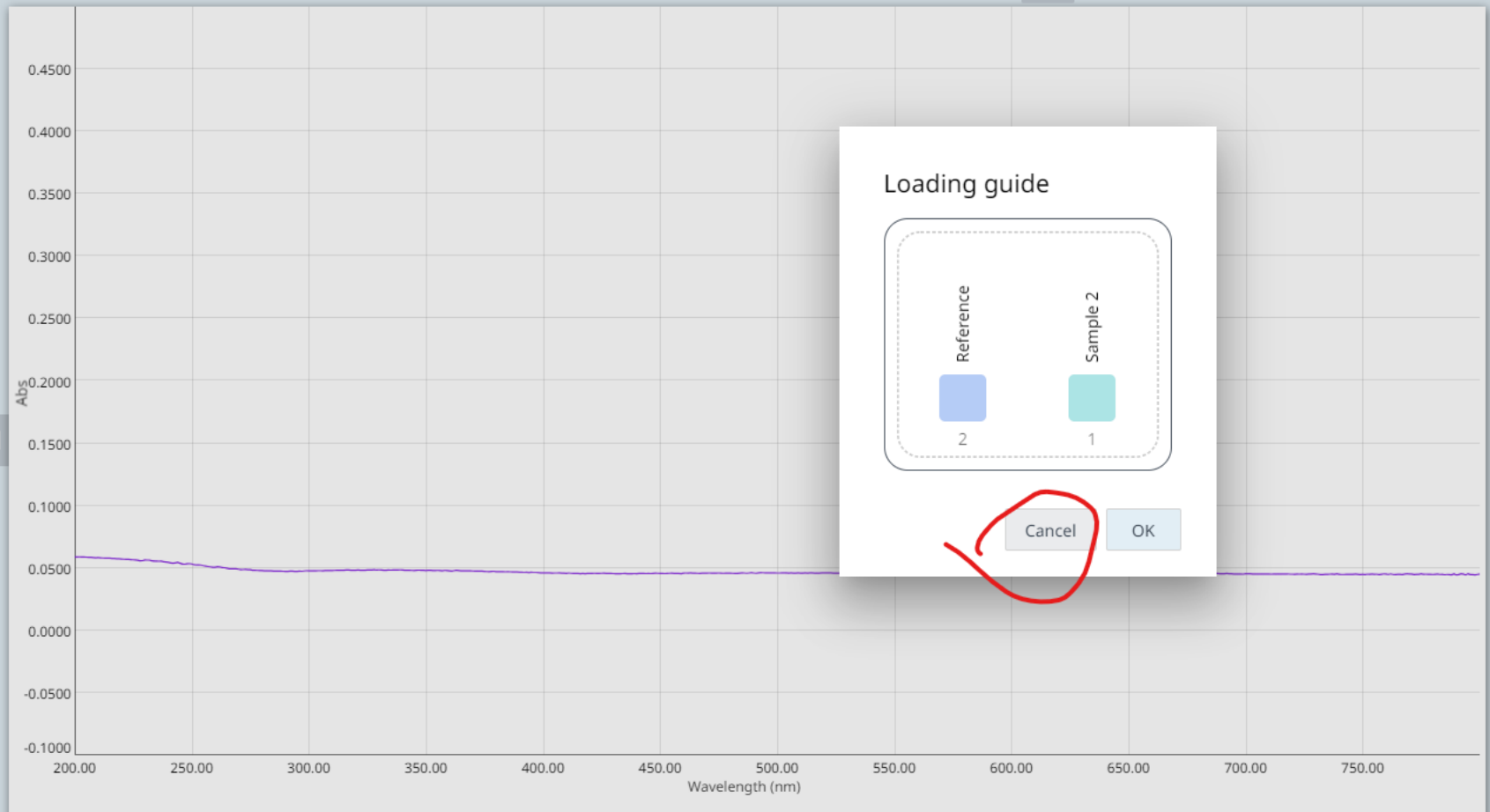
Saved



Cell 2

Block 1 20.8 °C

Cell 1



Loading guide

Reference 2

Sample 2 1

Cancel OK

Graph legend

Name	X	Y
Sample 1		

Analysis setup

Analysis wavelengths

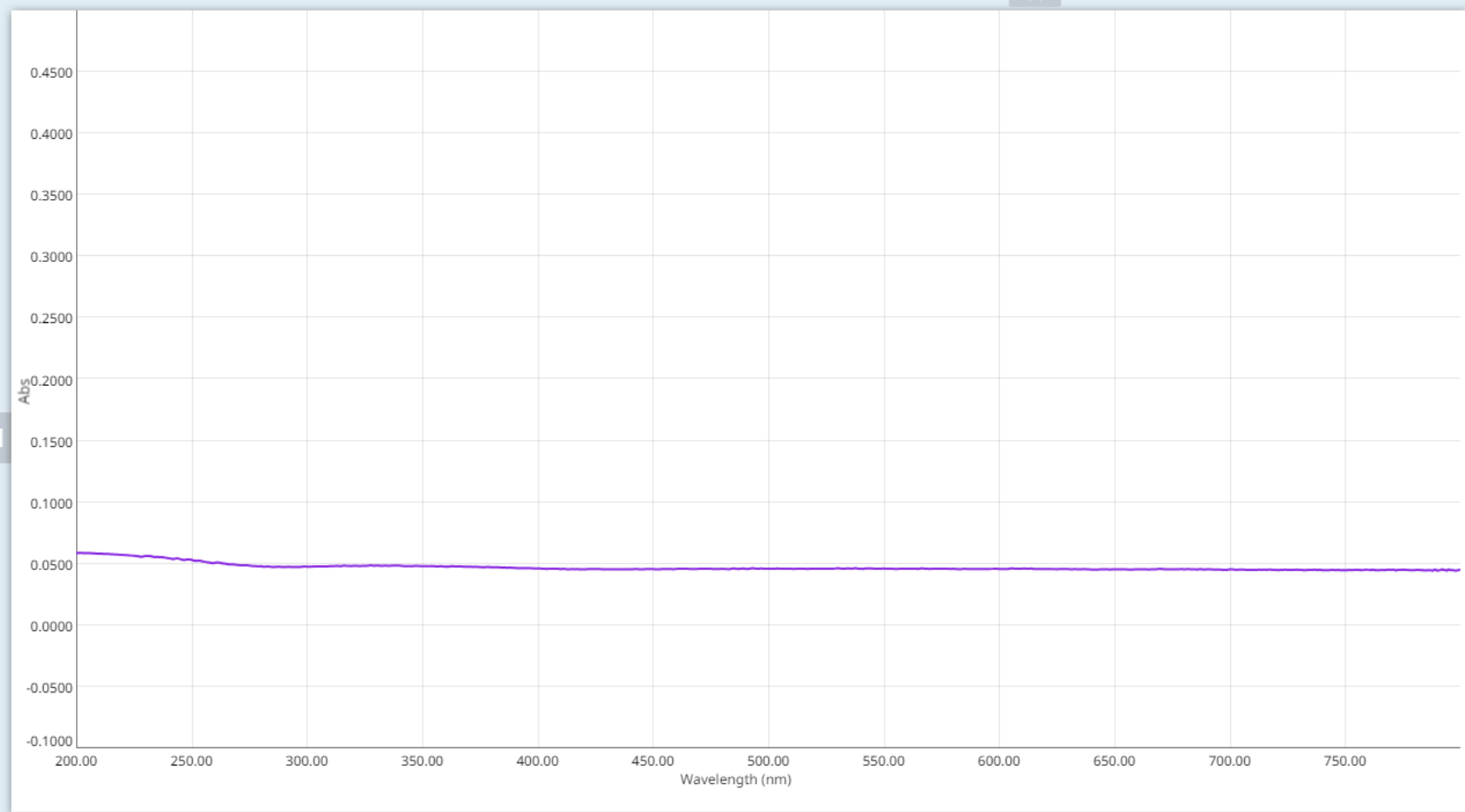
Peak preferences

Peak type	Threshold
None	0.1000

Cell 2

Cell 1

Block 1 20.8 °C



- Rapid result
- Graph preferences
- Manual annotation
- Graph legend
- Analysis setup
- Export to CSV**
- Save
- Save as...

Graph legend

Name
Sample 1

Analysis setup

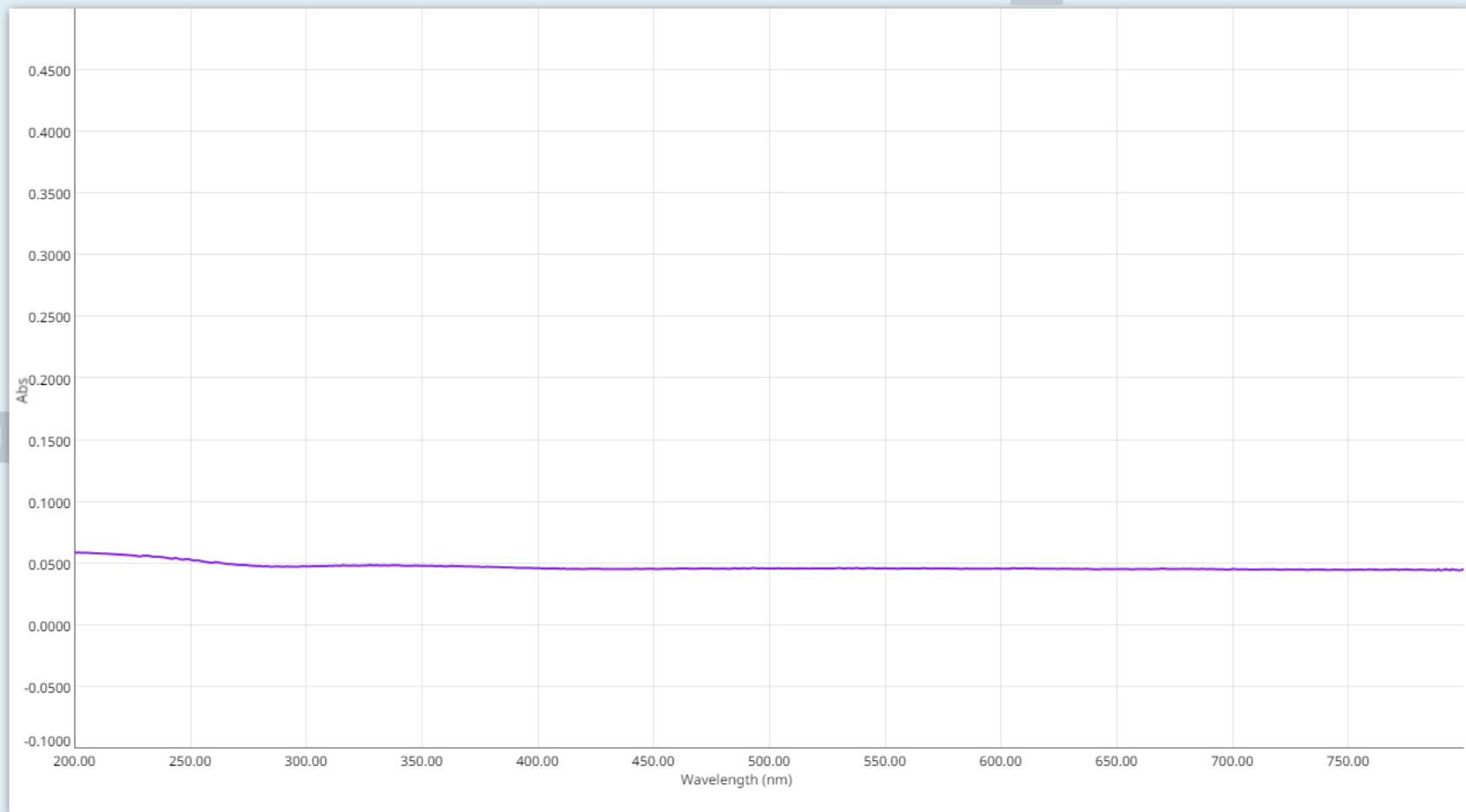
Analysis wavelengths

Peak preferences

Peak type: None Threshold: 0.1000

Cell 2 | Cell 1

Block 1 20.8 °C



Graph legend

Name	X	Y
Sample 1		

Analysis setup

Analysis wavelengths

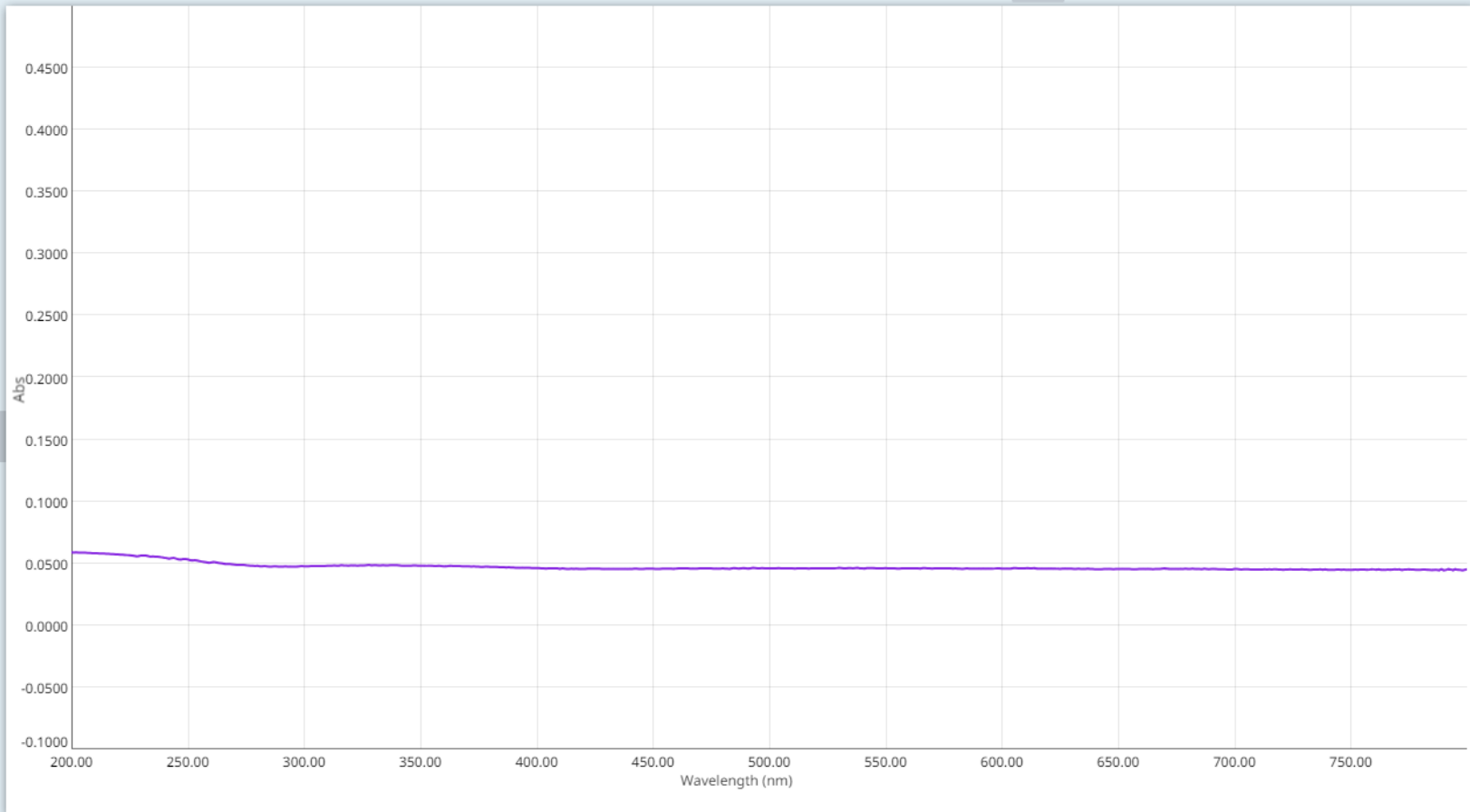
Peak preferences

Peak type	Threshold
None	0.1000

Successfully exported continua data [SHOW](#)

Cell 2 Cell 1

Block 1 20.8 °C



Graph legend

Name	X	Y
Sample 1		

Analysis setup

Analysis wavelengths

Peak preferences

Peak type	Threshold
None	0.1000

Name	Date modified	Type	Size
Today (1)			
Export Data test	3/5/2021 1:54 PM	Microsoft Excel C...	15 KB





Home

test ✕

test ✕

Instrument online

Cell 1

20.8 °C

Y mode
Absorbance

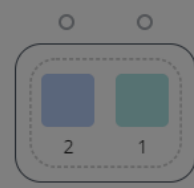
Scan range stop (nm)
200.00

Detector module
Compact Peltier UV-Vis

Sipper

Stirring

Display Vertically



°C

Apply

Temperature

System health

Help