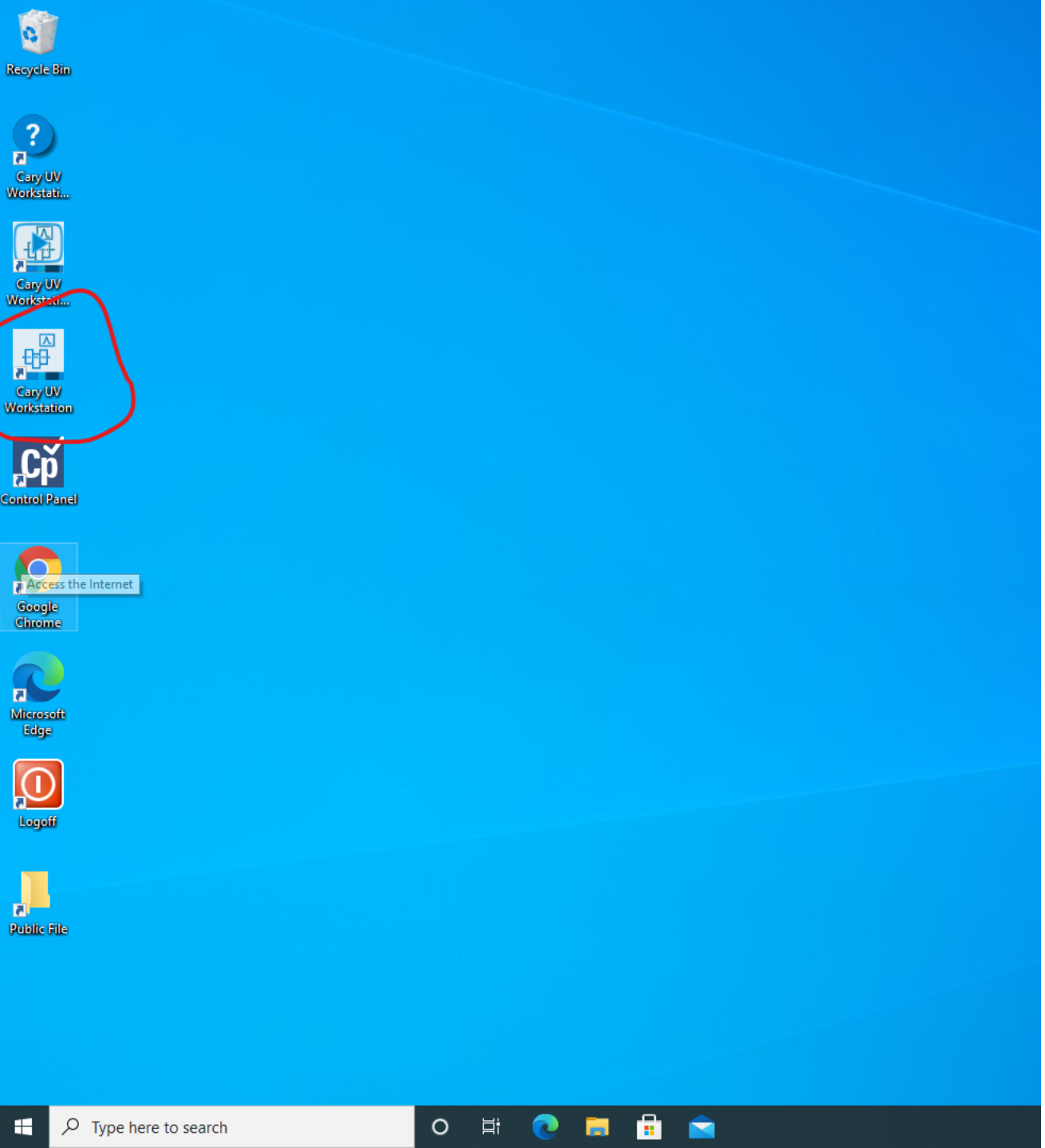
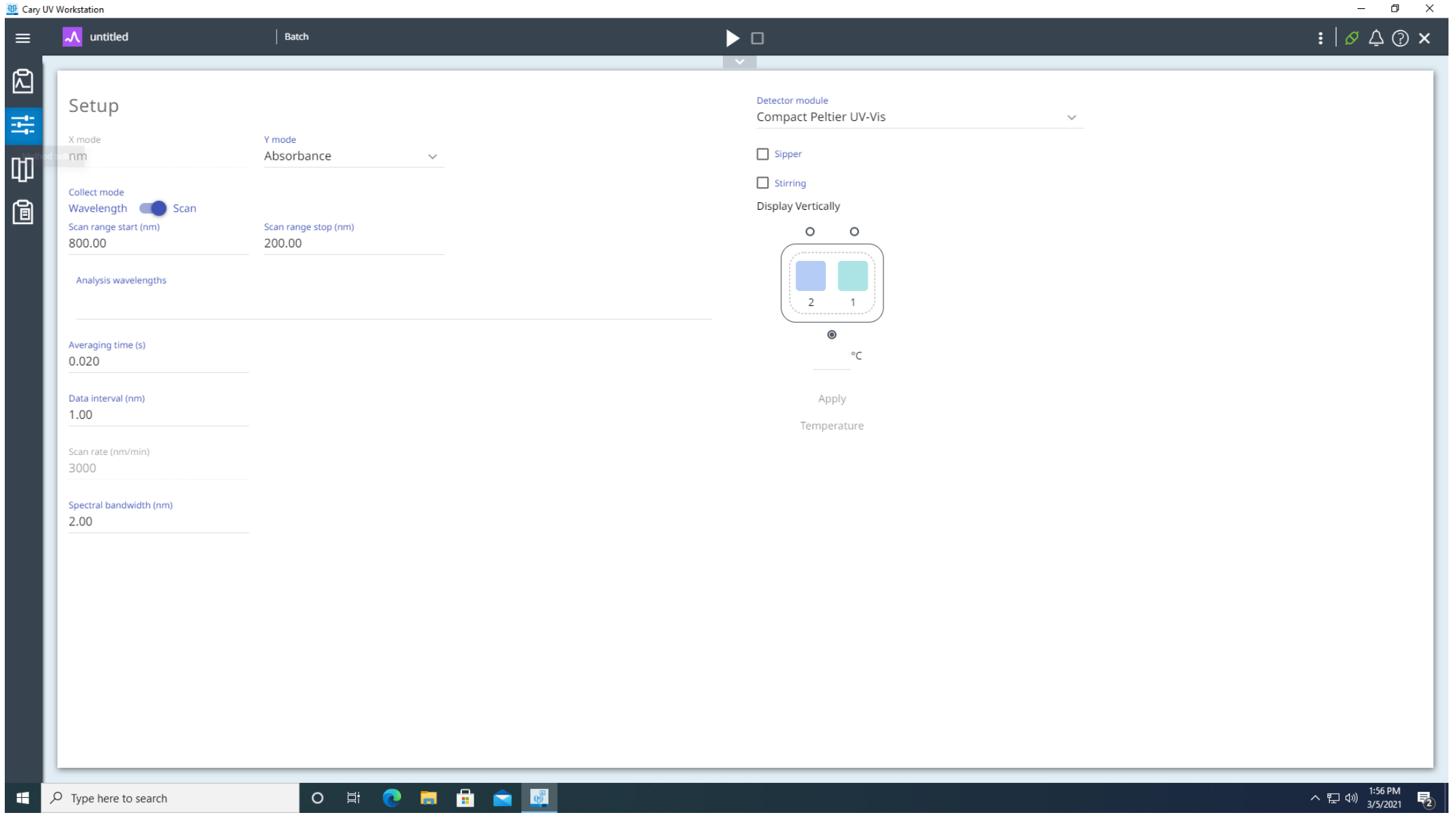
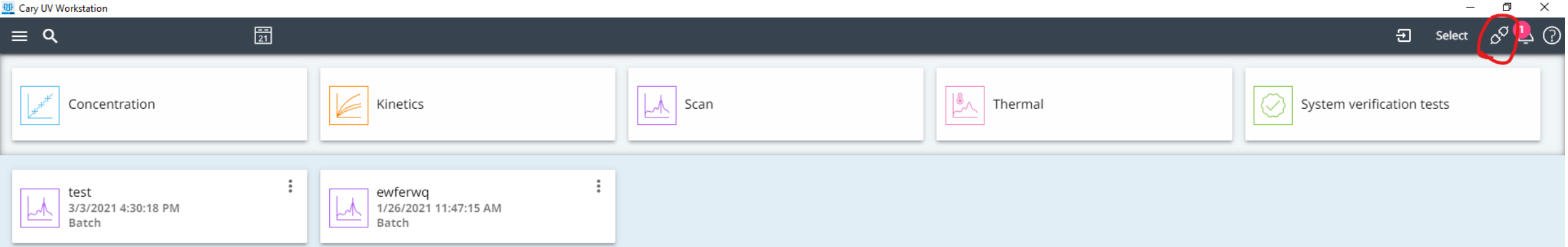
Using the Cary UV-vis to measure the absorption of Cu and Nd salts



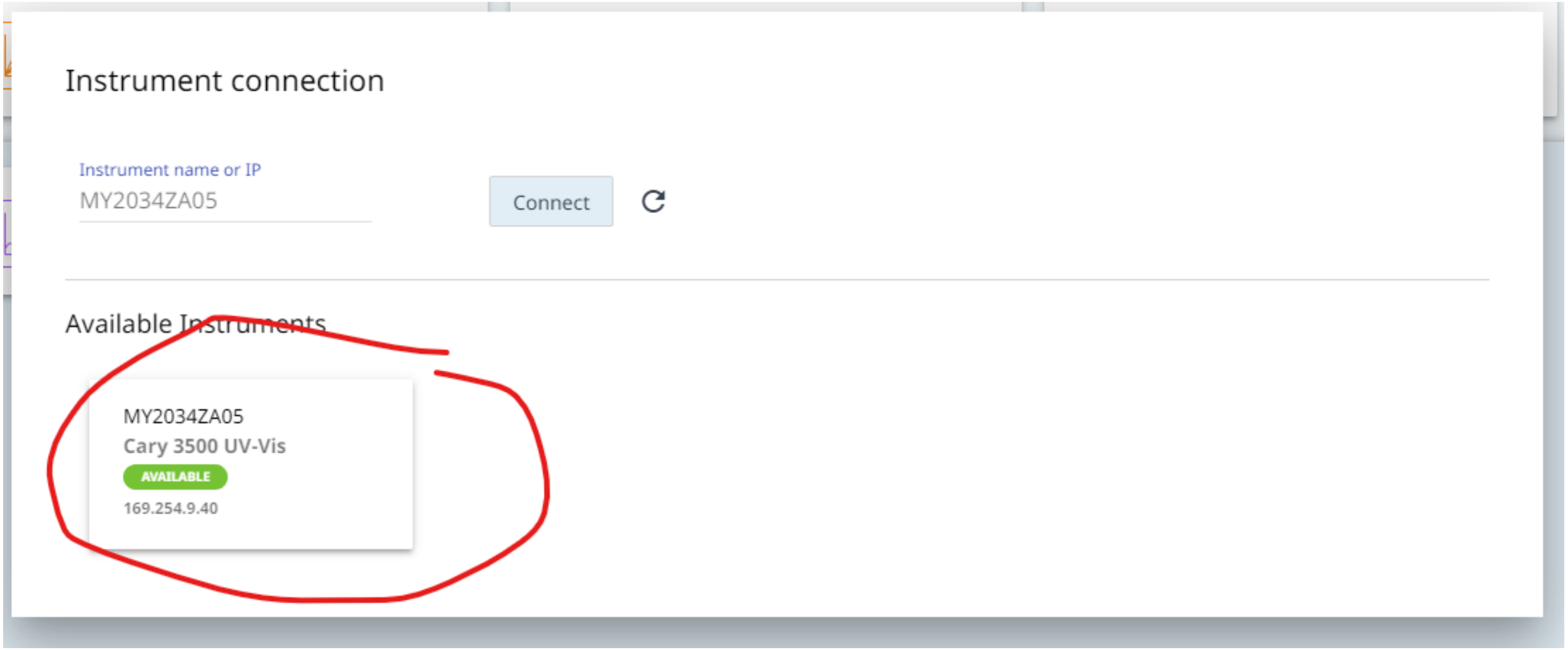
Open the Cary-UV Workstation

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




Cary UV Workstation
Select
1
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.



Cary UV Workstation

Select

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

Items per page
25

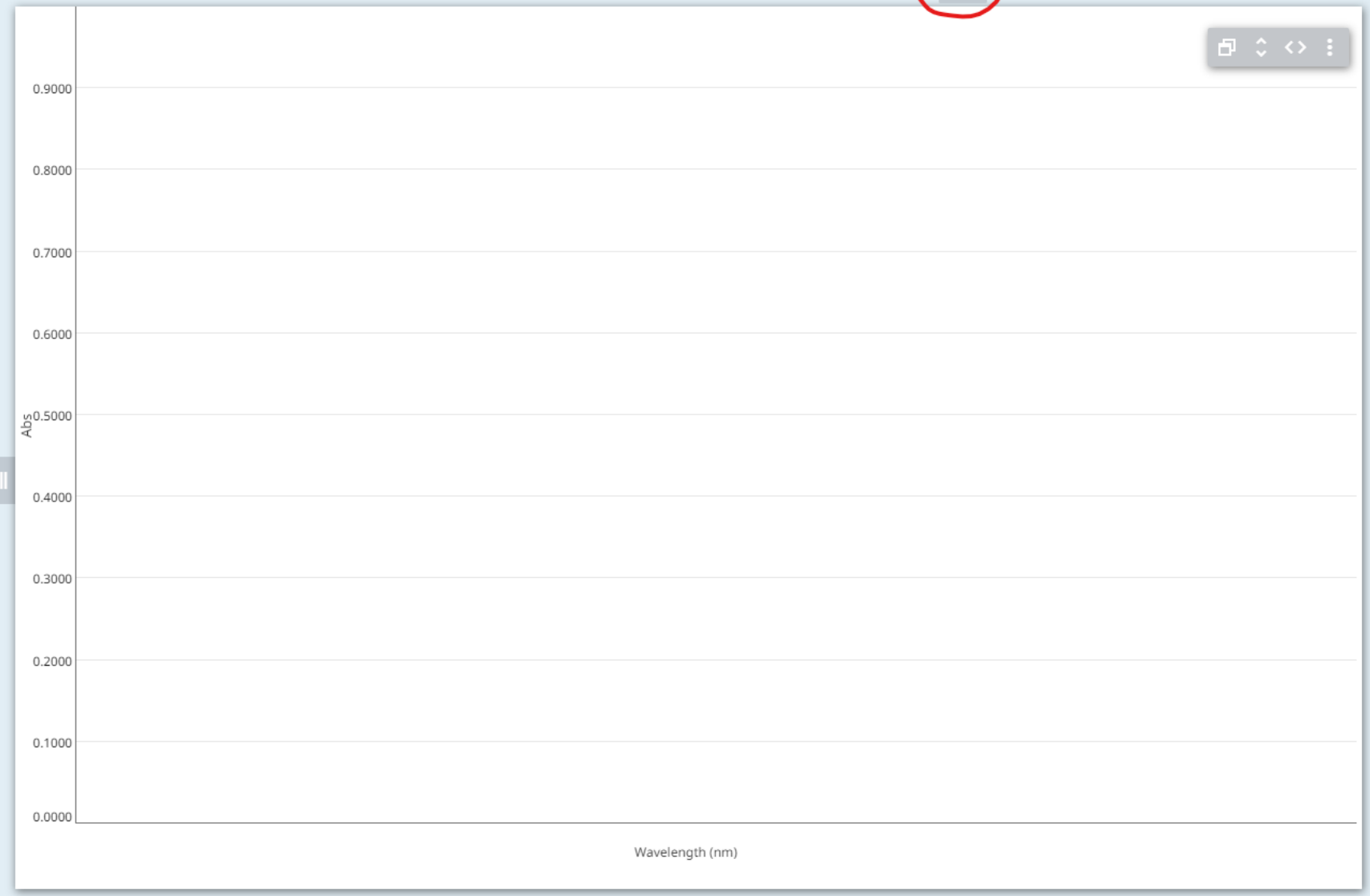
Page
1
of 1

Type here to search

1:52 PM
3/5/2021

Cary UV Workstation

untitled | Batch



Items per page 8 | Page 1 of 1

Graph legend

Name | X | Y

Analysis setup

Analysis wavelengths

Peak preferences

Peak type: None | Threshold: 0.1000

Type here to search

1:52 PM
3/5/2021

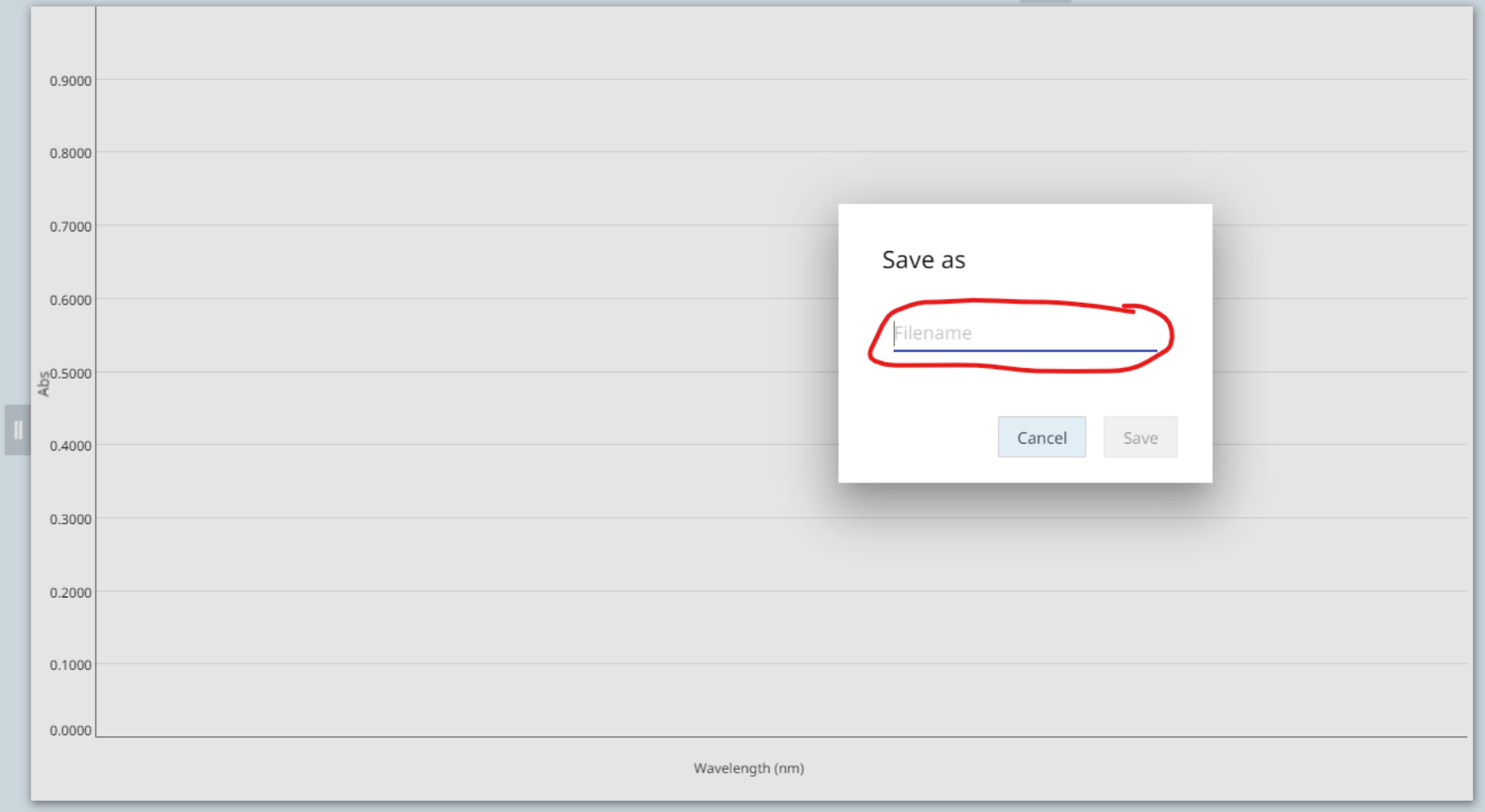
Cary UV Workstation

untitled | Batch

Instrument online

Cell 2 | Cell 1

Block 1 20.8 °C



Save as

Filename

Cancel | Save

Graph legend

Name | X | Y

Analysis setup

Analysis wavelengths

Peak preferences

Peak type: None | Threshold: 0.1000

Items per page: 8 | Page: 1 of 1

Type here to search

1:52 PM
3/5/2021

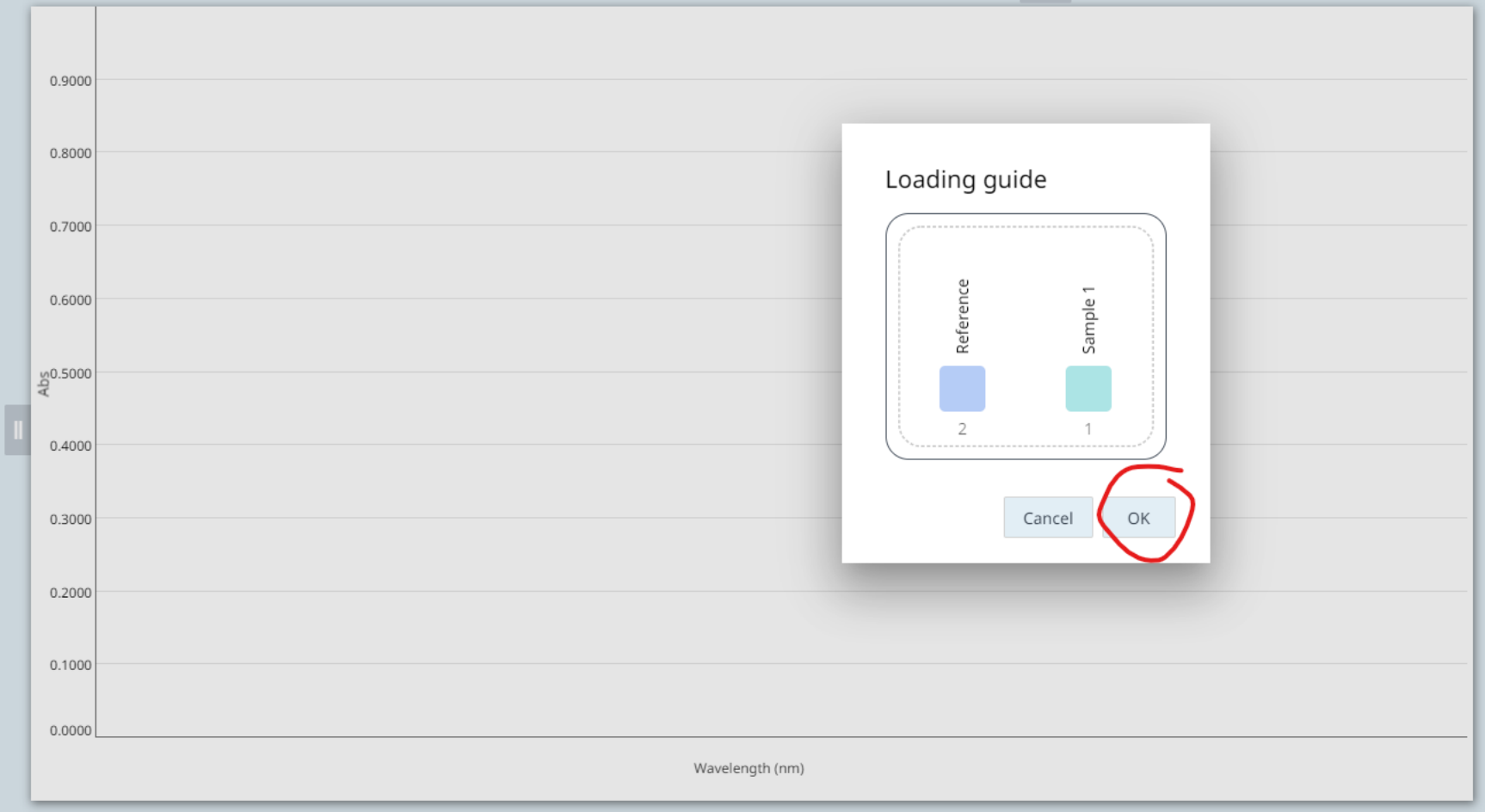
Cary UV Workstation

test | Batch

Instrument busy

Cell 2 | Cell 1

Block 1 20.7 °C



Loading guide

Reference 2

Sample 1 1

Cancel OK

Graph legend

Name X Y

Analysis setup

Analysis wavelengths

Peak preferences

Peak type None

Threshold 0.1000

Items per page 8

Page 1 of 1

Saved

Type here to search

1:53 PM 3/5/2021

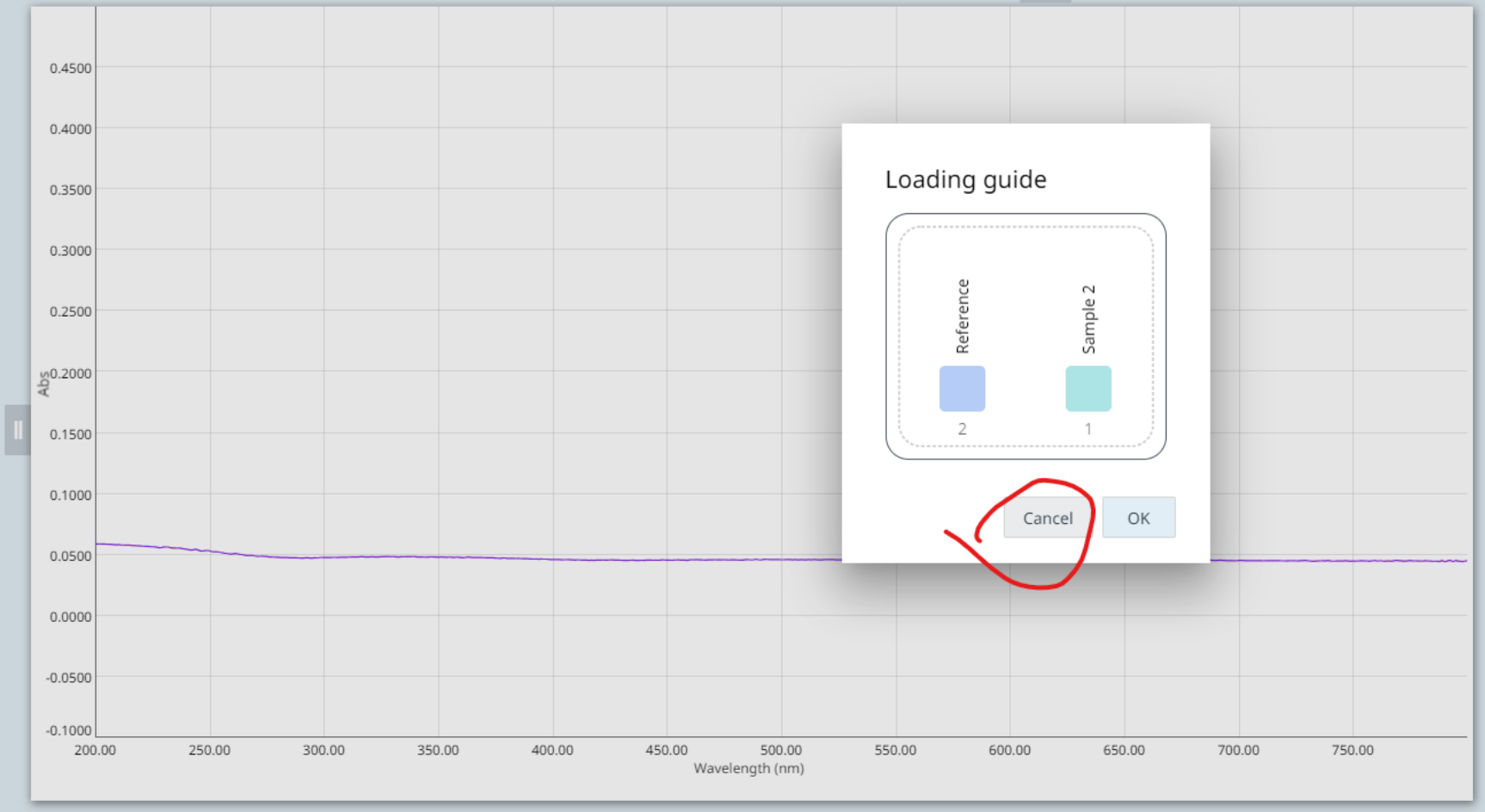
Cary UV Workstation

test | Batch

Instrument busy 0s

Cell 2 Cell 1

Block 1 20.8 °C



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

Items per page 8 Page 1 of 1

Type here to search

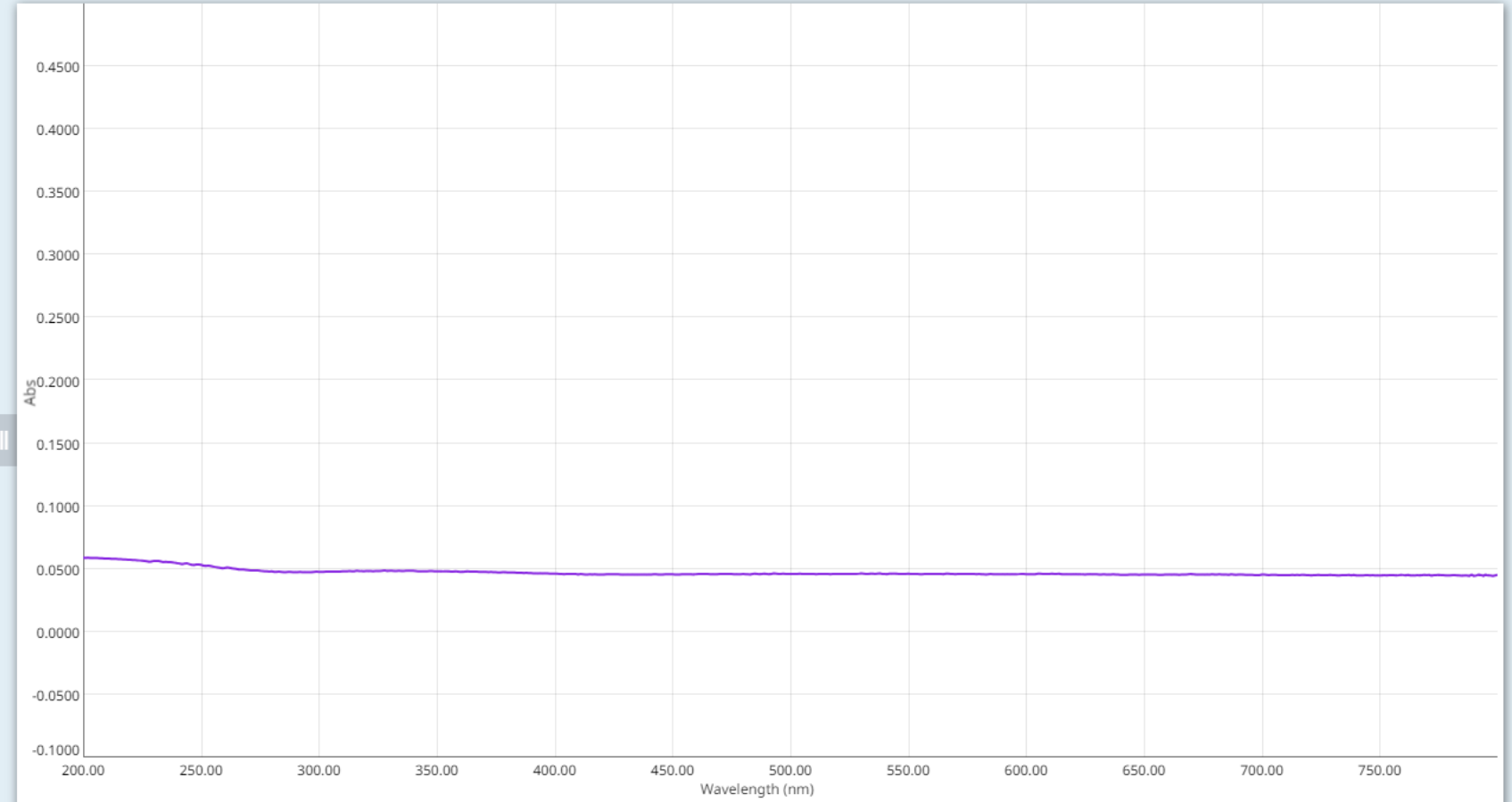
1:53 PM 3/5/2021

test | Batch

Instrument online

Cell 2 | Cell 1

Block 1 — 20.8 °C



Items per page: 8 | Page: 1 of 1

Graph legend

Name

Sample 1

Analysis setup

Analysis wavelengths

Peak preferences

Peak type: None | Threshold: 0.1000

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

Type here to search

1:53 PM
3/5/2021

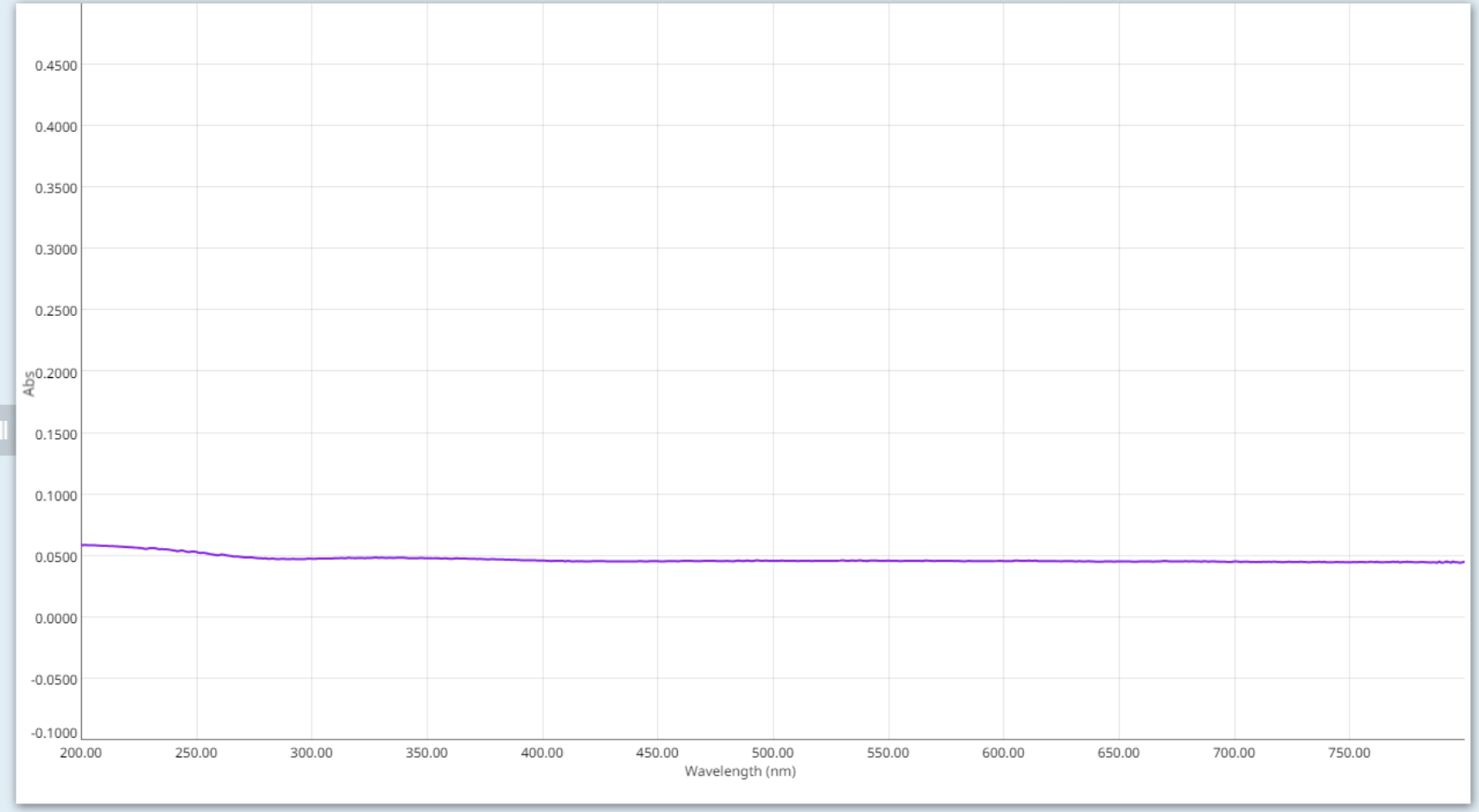
Cary UV Workstation

test | Batch

Instrument online

Cell 2 | Cell 1

Block 1 20.8 °C



Graph legend

Name	X	Y
Sample 1		

Analysis setup

Analysis wavelengths

Peak preferences

Peak type: None

Threshold: 0.1000

Items per page: 8

Page: 1

Successfully exported continua data SHOW

Type here to search

1:54 PM
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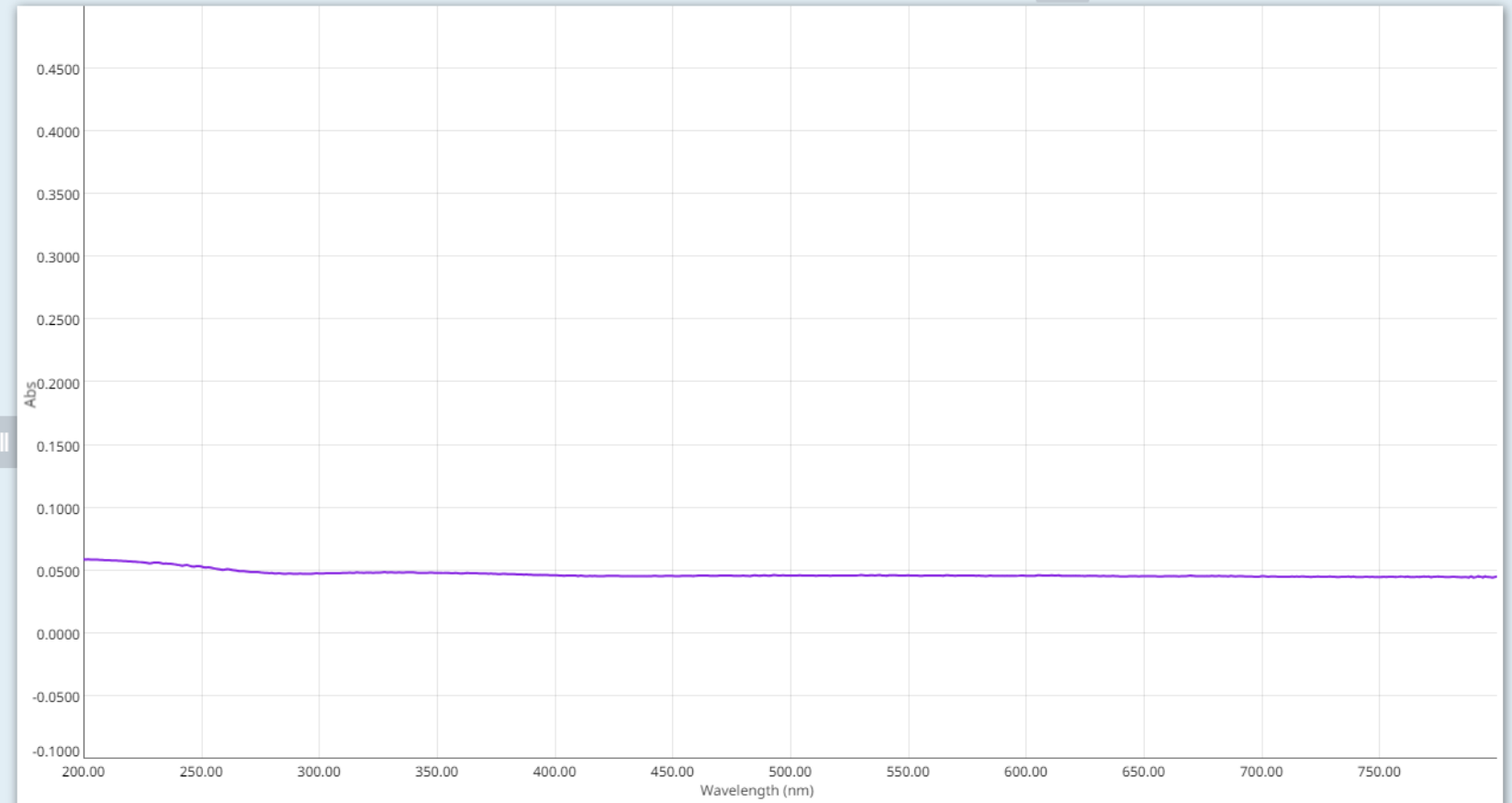
Cary UV Workstation

test | Batch

Instrument online

Cell 2 Cell 1

Block 1 20.8 °C



Items per page 8 Page 1 of 1

Graph legend

Name	X	Y
Sample 1		

Analysis setup

Analysis wavelengths

Peak preferences

Peak type None Threshold 0.1000

Type here to search

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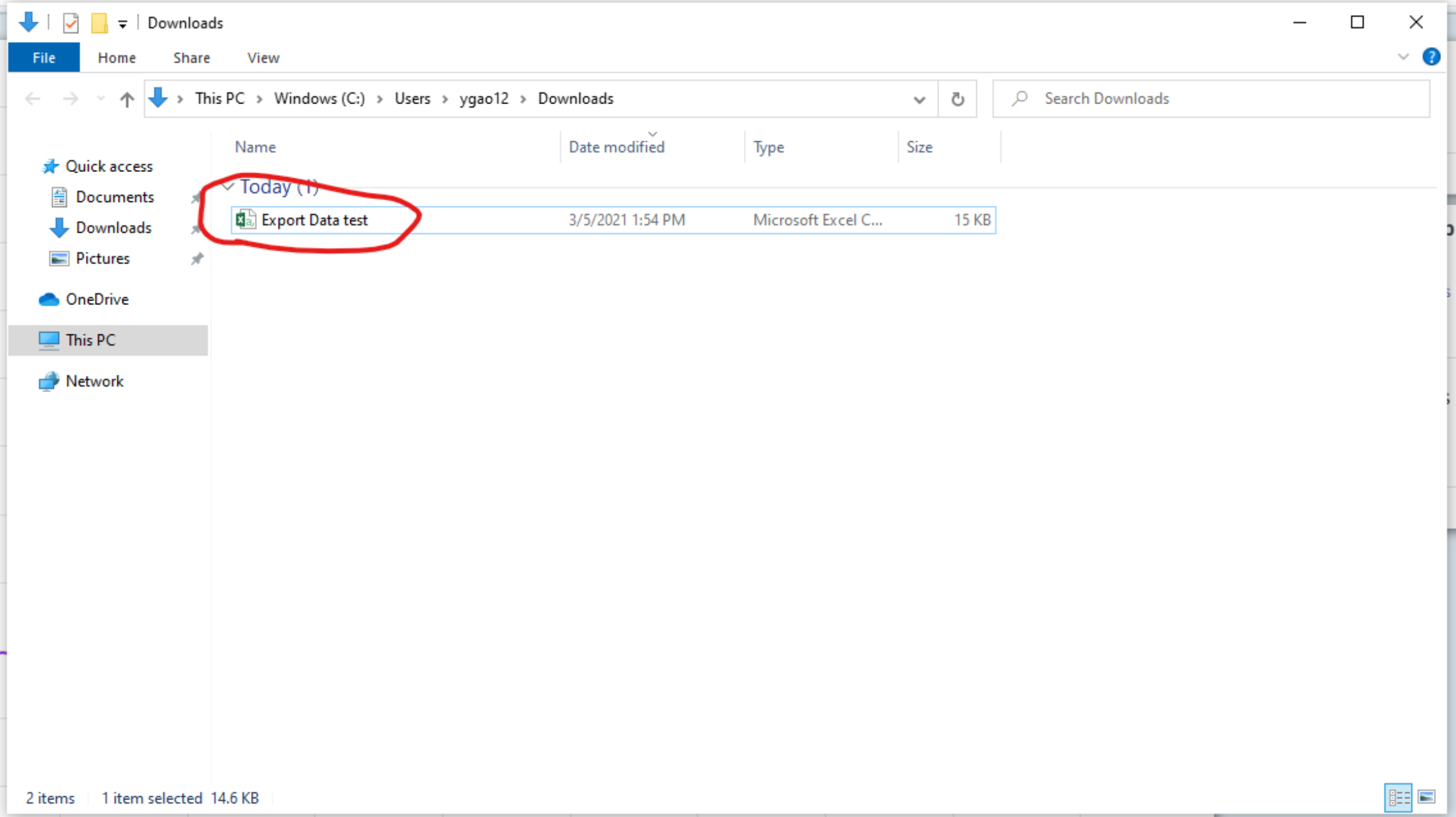
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Users
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Search Downloads
Quick access
Documents
Downloads
Pictures
OneDrive
This PC
Network
Name
Date modified
Type
Size
Today (1)
Export Data test
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Microsoft Excel C...
15 KB
2 items
1 item selected 14.6 KB

350.00
400.00
450.00
500.00
550.00
600.00
650.00
700.00
750.00

Cary UV Workstation

Home

test

test

Batch

Instrument online

Cell 1

20.8 °C

Detector module

Compact Peltier UV-Vis

Y mode

Absorbance

Sipper

Stirring

Display Vertically

Scan range stop (nm)

200.00

2 1

°C

Apply

Temperature

System health

Help

Type here to search

1:55 PM
3/5/2021