

Chirascan plus qCD Training Checklist

Application Date:

Reservation Training Date:

Name:

Lab PI:

Affiliation:

Position:

Phone:

E-mail:

Training checklist:

- I have read **Chirascan plus qCD User's Guideline** and will follow the rules therein.
- M116 or M116E lectures
- M116 or M116E hands-on course
- User Manual of Chirascan Series Spectrometers.
- Background information –<https://www.photophysics.com/products/quantitative-circular-dichroism-qcd-1/chirascan-plus-qcd>
- Reservation procedure
- Lamp ignition procedures, N2 purge time required before turning on the lamp (ANM system)
- Powering up and shut down process of the instrument.
- Pro-Data viewer connection and set working directory
- 6-cell Peltier Cell Holder sample position set up.
- Purge test
- Background scans
- CSA test
- Absorbance measurement
- CD spectra acquisition, baseline and sample
- Spectra handling and process
- Secondary protein structure analysis using CDNN
- (optional) Temperature ramping experiments and Global 3 Analysis Software
- (optional) Chirascan qBiC Comparison Suite
- Data file path and data back up:

Folder: C:/MyData/_____

- Manager Signature:

I certify that I have received the training sections specified in the training checklist above.

Signature: _____

Date: _____