

Zetasizer Nano ZS Training Checklist

Application Date: _____ Old Users

Reservation Training Date: _____

Name: _____ Lab PI: _____ Affiliation: _____

Position: _____ Phone: _____ E-mail: _____

Sample :

Protein Small molecule Carbohydrate others _____

Concentration: _____ **Buffer:** _____

* The concentration of sample must be 0.01µg/mL at least.

Training checklist:

General & Particle size measurement:

- I have read "儀器中心 Zetasizer 使用規則" and will follow the rules therein.
- IBC M104 class lectures
- IBC M104 hands-on course
- Zetasizer Nano series User's Manual, FAQ and 中文操作手冊.
- Reservation procedure:
- Powering up and shut down process of the instrument.
- Sample preparation process.
- Zetasizer operation software, DTS: Settings, Data processing.
- Sample cell and reference cell cleaning process.
- Data file path and data back up
Directory D:/ _____
- Manager signature: _____

Mw measurement:

- Glass and Quartz cuvettes for Mw measurement.
- Toluene as standard.
- Serial dilution of sample.
- Manager signature: _____

Zeta-potential measurement:

- Cells for Zeta-potential measurement.
- If used cells are applied, check the condition of electrodes.
- Sample filling process for Folded Capillary cell.
- Manager signature: _____

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

Signature: _____

Date : _____

Autotitrator MPT-2 Training Checklist

Autotitrator MPT-2

- IBC M104 hands-on course
- Autotitrator MPT-2 User's Manual.
- Powering up and shut down process of the Titrator.
- Buffer preparation and Prime process.
- Cleaning and Maintenance of pH electrode.
- Tubing connection between cell and titrator.
- Clean up process of tubing

- Manager signature:

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

Signature: _____

Date : _____