

# Checklist and Information Sheet

**For Service Measurements with Customer's Materials  
in the EL-CELL Electrochemical Laboratory**

## Information for Customers:

### For manufacturing electrodes from your raw material (powder):

Please provide 50g per sample; minimum requirement 20 g per sample.

### For characterization of separators:

Please provide punched samples with a diameter of 21.6 mm or a separator sheet.

### For characterization of electrodes:

Please provide punched samples with a diameter of:

- 18 mm for PAT-Cells
- 10 mm for ECC-Opto-10
- max. 10 mm for ECD-4-nano
- As an alternative, please provide an electrode sheet.

### For characterization of electrolytes:

Please provide 5 ml per sample; minimum requirement 2 ml per sample.

## Information that needs to be provided by the customer:

### Information about the type of the test:

- ☐ PAT-Cell
- ☐ ECC-OPTO-10
- ☐ ECD-4-nano
- ☐ Other (please specify):

### Information about the material you provide:

- ☐ Raw material (anode/cathode powder, etc.):  
.....
- ☐ Ready-to-use anode/cathode foil or punched samples (please see above for required dimensions):  
.....
- ☐ Electrolyte (please specify):  
.....
- ☐ Separator (please specify):  
.....
- ☐ Other (please specify):  
.....

### Information for manufacturing electrodes from your raw material

Solvent: .....

Ratio: .....

Coating thickness: .....

Drying condition (temperature, time, special cond.): .....

.....

Special treatment: .....

.....

### Processing / Treatment of ready-to-use anode or cathode foils

Determination of thickness (Y/N) .....

Drying condition  
(temperature, time, special cond.): .....

### Information about samples:

No. and type of samples: .....

No. of cells to be built from each sample: .....

### Test conditions (please specify):

- Test duration or number of cycles: .....
- Potential range: .....
- c-rate: .....
- Temperature: .....