

Materials List for:

The Effect of Charging and Discharging Lithium Iron Phosphate-graphite Cells at Different Temperatures on Degradation

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Materials

| Name | Company | Catalog Number | Comments |
|------------------------|------------------------|--------------------|---|
| artificial graphite | IMERYS | | D50 about 6 µm. Catalog number cannot be disclosed for proprietary reasons |
| lithium iron phosphate | BASF | | D50 about 11 µm. Catalog number cannot be disclosed for proprietary reasons |
| Cu foil | Schlenk | | 16 µm thickness. Catalog number cannot be disclosed for proprietary reasons |
| Al foil | Showa Denko | | 20 µm thickness. Catalog number cannot be disclosed for proprietary reasons |
| separator | Celgard | | separator. Catalog number cannot be disclosed for proprietary reasons |
| Maccor cycler | Maccor | Maccor Series 4000 | Battery cycler |
| BIA chamber | BIA | BIA MTH 4.46 | environmental temperature chambers |
| SEM | Carl Zeiss, Germany | ZEISS SUPRA 50 | Scanning Electron Microscope |
| EDAX | Oxford Instruments, UK | Oxford X-MaxN 80 | Energy Dispersive X-ray spectrometer |
| SDD | Oxford Instruments, UK | AZtec software | Drift detector |