# Fully Charge Your Battery Workflow

## Everything you need for the elemental analysis of Li-ion battery materials



Documented methods and standard solutions are available for common analyses of battery materials

Scan the QR code to discover what Agilent offers the battery industry

### Save weeks of time and effort

Agilent offers a complete package for determining the elemental content of battery samples: Instrumentation, standard solutions, consumables, training, and technical support. We've even developed fully documented, detailed methods for common analyses for anode and cathode materials. It would take weeks or even months to develop, test and document the methods from scratch. Even then, you couldn't be sure it's optimized for the specific instrument you might be using.

The methods are available as editable MS Word documents and are designed to be easily customized to suit your lab's workflows.

### Available methods

Two standard operating procedures (SOPs) for the analysis of common lithium-ion battery materials are available:

- Determination of elements in lithium iron phosphate cathode materials for lithium ion batteries (view sample)
- Determination of elements in graphite anode materials for lithium-ion batteries (view sample)

Each document details the equipment and consumables needed, sample and standard preparation, recommended QC approach, instrument settings, and method parameters. With each step described and accompanying screen shots and photographs, your analysts will need minimal training to begin doing the analyses.

To obtain copies of the methods and to find out more about our battery analysis packages, please contact your Agilent representative.

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