

Solve end-to-end battery production

UNCOUNTABLE FOR BATTERY R&D



Unify lab workflows, sample tracking, and scale-up data for next-generation battery materials. Uncountable tracks every sample by barcode from raw material to result, keeps the full instrument data, and carries context from early experiments through scale-up.

What it drives for battery development

From synthesis through cycling, and from bench-top through pilot line, every data point stays connected.

\$100M

DOE grant for a new
Mitra Chem
manufacturing
facility

Mitra Chem

>50%

Reduction in time from
testing completed to
results delivered to
scientists and principal
investigators

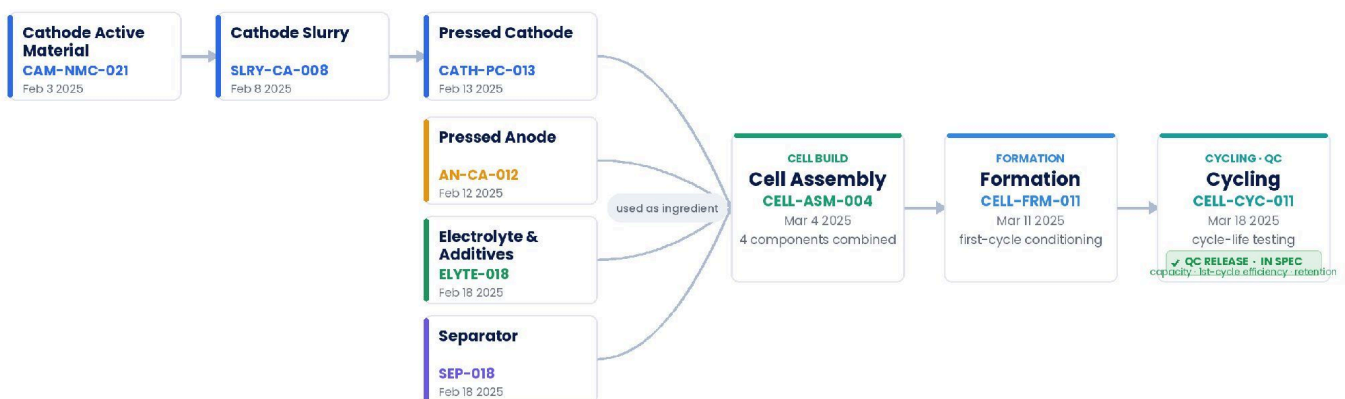
Cabot Corporation

*"Uncountable has been instrumental, providing
rapid insights and fostering swifter, more
transparent learning."*

Alexander Girau
Co-founder and CEO, Group1

Raw material to result, on one record

A barcoded workflow tracks every sample from raw material through cycling.



NMC811 Cell Genealogy - raw material to cycling QC

one connected genealogy in Uncountable: active material - slurry - cathode - build - formation - cycling

NMC811 cell genealogy, from raw material to cycling QC. Example IDs.

Uncountable's AI-native end-to-end platform is deployed by 175+ product development teams.



From raw material to scale-up, connected

Track analytical testing and battery testing together

See how material and process changes, measured by PSD, ICP, XRD, or TGA, impact cell performance.

Keep the testing context until results come back

Battery testing can take weeks or months. Keep the context of what you tested and why, so the e-chem results are actionable.

For materials and advanced-materials teams

Formulation and process come first, from bench-top to pilot line. Battery testing is one more form of analytical testing.

For cell manufacturers

The through-line from materials characterization to electrochemical performance, in one place, for every build.

Structure first, AI second

Models learn from your own formulation, process, and cycling data to rank the next builds. Bodie AI Agent searches your records and builds listings from your data.

Scale-up that holds

Early-stage learnings carry from proof of concept through scale-up on one record.

From scattered to connected

From spreadsheets to unified workflows

Builds and cycling data move from scattered files to one connected record with full traceability.

From manual to barcoded traceability

Every sample is tracked by barcode from raw material to result.

From lost links to connected data

Structure-process-property relationships stay connected and ready for machine learning.

From repeated experiments to reusable history

Every build, formulation, and result is searchable, so teams reuse past work instead of re-running it.

From point tools to one platform

R&D, materials characterization, and QC share one record.

From guesswork to real AI

Machine learning trains on your own structured history.

"Uncountable saves us hours each week by eliminating manual data handling and simplifying collaboration."

Marie Herring, Engineering Manager, Mitra Chem

See it on your own battery data

Book a personalized demo and we'll show you how Uncountable applies to your battery R&D.



SCAN TO BOOK A DEMO

Book a demo