Build one data foundation for every blend and every test

DATA INFRASTRUCTURE

Uncountable gives petrochemical and energy teams one structured home for formulations, process conditions, test results, and specifications, connected to the systems around them.

STRUCTURED AT THE SOURCE

Record ingredients, process parameters, and measured properties as typed fields with units, and parse instrument files into results.

CONNECTED TO YOUR SYSTEMS

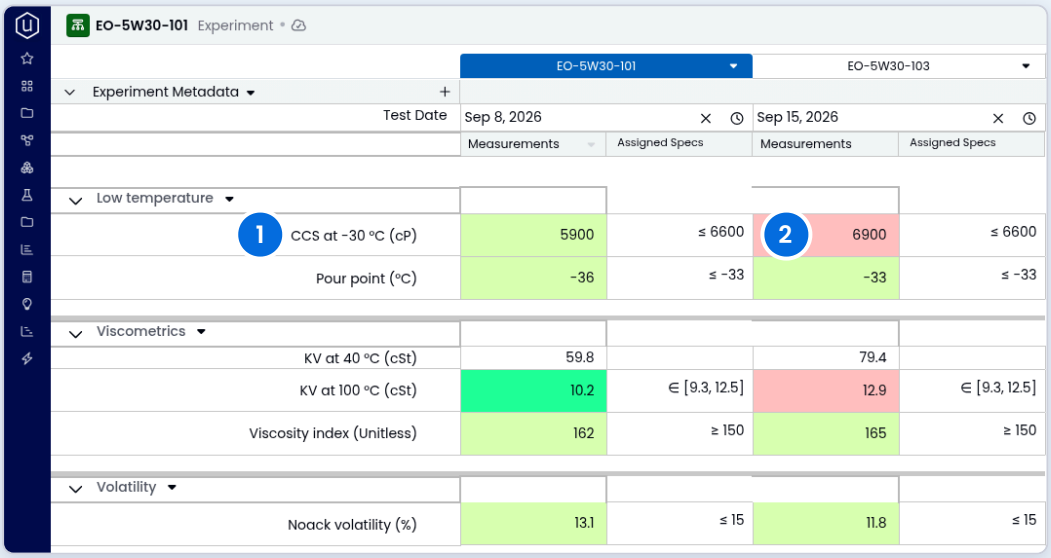
Move data in and out with the Python SDK, the external API, scheduled integration jobs, SFTP and S3 file pickup, and webhooks.

BODIE AI AGENT

Ask Bodie AI Agent to search your records, read the details of a record, and query your data with a link to the full results.

EXPERIMENT RECORD

Test results with units, checked against the spec



1 Units on every value

Each measured property carries its unit, such as cSt, cP, °C, or %.

2 Spec check

Values that meet the assigned spec show green, and values that fail show red.

Screenshot of two engine oil blends in Uncountable.

THE UNCOUNTABLE PLATFORM

- Research & Development
- Quality
- Product Lifecycle
- Regulatory Management
- Project Portfolio Management

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

DuPont · SunChemical a member of the DIC group · Sika · CLARIANT · Mondelēz International · Beiersdorf

HOW IT WORKS

From instrument file to decision, on one data model

Labs, pilot plants, and quality teams each produce data in their own format. Uncountable puts every result on one structured model, so teams can trace, compare, and reuse it.

Structured experiment data

Store ingredients, process parameters, and equipment as inputs, and measured properties as outputs with their test conditions.

Units that convert

Every value carries a unit. Convert between compatible units, let each user pick display units, and work on a mass, volume, or mole basis.

Instrument files to results

Configurable uploaders parse Excel, CSV, and XML files and instrument exports, such as DSC, TGA, DMA, and tensile data, into structured results.

Lots and lineage

Link experiments to their intermediates and lots, and record the exact lot used on each recipe line.

Specs on every result

Set ranges, minimums, and maximums on measured properties, and see which goals each experiment passes or fails.

Search and saved listings

Search your records by keyword, and share listings with saved columns, filters, and sorts with your user groups.

Python SDK and API

Create and update records, set inputs and outputs, upload files, and query listings from your own code.

Integration jobs and webhooks

Run jobs on a schedule, pick up files from SFTP or S3, and let triggers call your systems with webhooks.

Secure by design

Grant access by project or experiment, and keep an audit log of every field change. Security includes SOC 2 Type II, ISO 27001, AES-256 at rest, and an own-VPC option.

Example: from test file to results

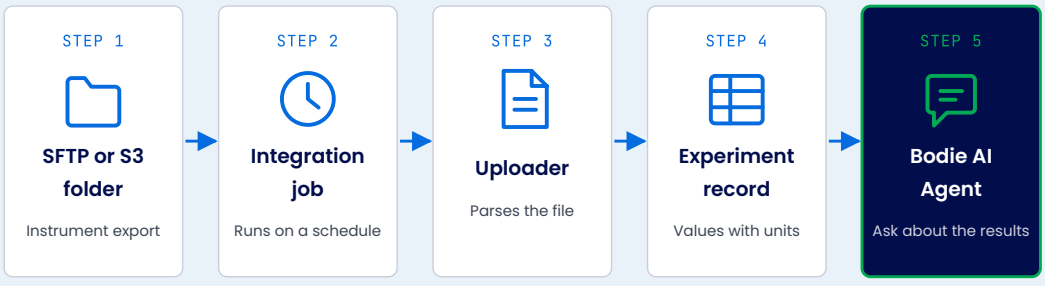
A lubricants team drops instrument exports into a shared folder after each test run.

FILE ARRIVES

A new instrument export lands in the SFTP folder.

RESULT

The values load into each blend with their units, checked against the spec and ready to compare.



See Uncountable data infrastructure in action

Book a demo to connect your lab, pilot plant, and quality data in Uncountable.

SCAN TO BOOK

uncountable.com/request-demo