

# YOUR LAB ANALYSIS WORKFLOW STEP-BY-STEP in Empower CDS

**6 Steps From Method to Report**  
see how to perform a complete  
analysis in Empower.

*Learn Empower - Save Time for What Truly Matters*

# LAB ANALYSIS WORKFLOW

## in Empower CDS

### Step 1

#### INSTRUMENT METHOD & METHOD SET

---

Every analysis starts with an instrument method, defining how your system acquires data.

Your instrument method must be packed into a method set.



Use the '**Save with Method Set**' option to save both the instrument method and method set at the same time.

# LAB ANALYSIS WORKFLOW

## in Empower CDS

### Step 2

#### SAMPLE SET METHOD

---

Next, define your sequence – the sample set method.

This determines which samples run and in what order.



*Use existing Sample Set Methods  
**as templates** - there's no need to create  
a completely new SSM every time.*

# LAB ANALYSIS WORKFLOW

## in Empower CDS

### Step 3

#### DATA ACQUISITION > SAMPLE SET

---

Acquire raw data using your sample set method.

A sample set will be created automatically, containing raw data - injections and channels.



You can have **multiple channels** per injection - for example, different wavelengths, system pressure, spectra.

# LAB ANALYSIS WORKFLOW

## in Empower CDS

### Step 4

#### DATA REVIEW & PROCESSING METHOD

---

Create a processing method to integrate data and perform calculations.

Review your raw data carefully to ensure accuracy.



*Add your processing method to the method set and use “**Apply Method Set**” to update all channels with your adjusted parameters in one click.*

# LAB ANALYSIS WORKFLOW

## in Empower CDS

### Step 5

#### PROCESS SAMPLE SET > RESULT SET

---

Process the sample set using your processing method or method set to generate the result set - “batch processing”.



*Define which **channels** should be processed in the **method set** by assigning a processing method to each relevant channel.*

# LAB ANALYSIS WORKFLOW

## in Empower CDS

### Step 6

#### REPORTING & SIGNING RESULTS

---

Finally, use a report method to present your results in a clear, structured way.

Complete the workflow by applying an electronic SignOff at the end of the report.



*Use a clear **SignOff approach** to ensure compliance and create a consistent documentation for **data review**.*

# LAB ANALYSIS WORKFLOW

## in Empower CDS

**Step 1** Instrument Method & Method Set

**Step 2** Sample Set Method

**Step 3** Data Acquisition > Sample Set

**Step 4** Data Review & Processing Method

**Step 5** Process Sample Set > Result Set

**Step 6** Reporting & Signing Results

# Empower Questions?

Check out our **trainings & workshops**  
or book a **free 30-min consulting session!**



“

Most trainings don't reach the lab.  
Our start in the lab.

”

[www.labwissen.com](http://www.labwissen.com)

