

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

