

beyontics

CIQ

**Customised Instrument Qualification
in Empower® and Chromeleon®**

beyontics **CIQ for Empower® and Chromeleon®**

Customised Instrument Qualification in Your Own Data System

With beyontics CIQ the qualification for all chromatography instruments controlled by Empower or Chromeleon runs consistently and without further validation effort.

beyontics CIQ – Customised instrument qualification with full respect to regulatory demands.

Customised and harmonised.

In contrast with most instrument qualification software programs, beyontics CIQ takes into account the analytical work of your lab, providing harmonised test procedures, instead of following different specifications from various equipment manufacturers.

Full integration into your present CDS.

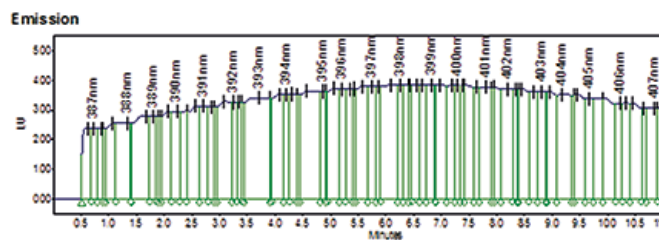
beyontics CIQ is implemented as an Empower project or Chromeleon eWorkflow and equipped with adaptable methods and customisable reports. All data and results are stored in your own CDS. By this, full access is given to all meta-data that was generated during qualification. Test outcome is assessed for each single test point and for the whole qualification providing a final PASS or FAIL statement.

Ready to use. No further validation effort.

As beyontics CIQ is provided as an Empower project or Chromeleon eWorkflow the product can simply be installed into your CDS using the existing procedures for importing projects or eWorkflows. The whole product is designed using the proprietary options of your CDS. The customisations are delivered in a validated state.

beyontics CIQ – 100% Compliance to your needs.

The complexity of the tests as well as the limits are defined according to your requirements: Only the relevant instrument modules are tested!



Maximum of extinction, specification 397 nm +/- 5 nm

Label	SampleName	Processing Method	Processing Method Id	Maximum [nm]	397 nm +/- 5 nm
1 P2	FlD emission	FlD_Em_P01	2608	399	Passed

Table Overview

SampleName	Name	Height (µV)	Height MAX
1	FlD emission	307nm	275463
2	FlD emission	396nm	272622
3	FlD emission	397nm	300008
4	FlD emission	398nm	264077
5	FlD emission	399nm	185109

Wavelength Accuracy: **Passed**

Saving time and resources. Minimising downtime for your instruments.

Fully automated procedures.

beyontics CIQ for Empower and Chromeleon ist designed in a way that allows for a minimum of efforts for carrying out a qualification run. Templates are offered for all tests and because of that a qualification run just needs to be started and after completion is evaluated as a whole in the CDS and can be reported with the CDS's own tools. Assistance of external evaluation programs is not needed at all. Qualification runs of several instruments at the same time is thinkable.

Minimising training effort for service staff.

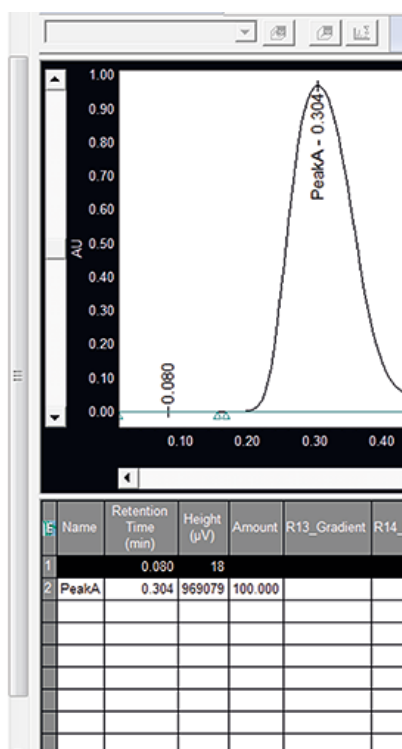
beyontics CIQ is designed in a way, that only a basic user knowledge of the applied CDS is needed due to the high automation of the product. In addition a user guide is provided giving a step by step guidance for the qualification procedure. Training or introduction is offered by beyontics.

Your benefits & chances.

- » Harmonized qualification for all instruments controlled by Empower/Chromeleon
- » Storage of raw data in Empower/Chromeleon
- » Proof of raw data in Empower/Chromeleon
- » Increasing the efficiency via automation of the qualification
- » Less equipment downtime



Injection: 1
 Drift and Noise - Vial: 8
 Wavelength 241nm - Vial: 9
 Wavelength 241nm - Vial: 9
 Wavelength 241nm - Vial: 9
 Wavelength 241nm - Vial: 9
 Wavelength 241nm - Vial: 9
 Wavelength 241nm - Vial: 9
 Wavelength 278nm - Vial: 9
 Wavelength 278nm - Vial: 9
 Wavelength 278nm - Vial: 9
 Wavelength 278nm - Vial: 9
 Wavelength 278nm - Vial: 9
 Wavelength 278nm - Vial: 9
 Wavelength 361nm - Vial: 10
 Wavelength 361nm - Vial: 10
 Wavelength 361nm - Vial: 10
 Wavelength 361nm - Vial: 10
 Wavelength 361nm - Vial: 10
 Wavelength 361nm - Vial: 10
 Wavelength 205nm - Vial: 4
 Wavelength 205nm - Vial: 4
 Wavelength 205nm - Vial: 4
 Wavelength 205nm - Vial: 4
 Wavelength 205nm - Vial: 4
 Wavelength 205nm - Vial: 4
 Blank - Vial: 1
 Reproducibility - Vial: 5
 Carry Over - Vial: 1
 Injector Linearity - Vial: 5
 Injector Linearity - Vial: 5
 Injector Linearity - Vial: 5
 Injector Linearity - Vial: 5
 Injector Linearity - Vial: 5
 Injection: 1
 Detector Linearity 0.5 - Vial: 2
 Detector Linearity 1.0 - Vial: 3



Our services.

- » Adapting the CIQ Project/eWorkflow to your specific requirements
- » Coaching the project during the implementation; if needed in coordination with an executing service partner
- » Preparing the validation documents according to customer requirements
- » Ongoing support for the productive project

beyontics Headquarter

beyontics GmbH

Altonaer Straße 79-81
 D- 13581 Berlin
 Phone: +49 30 36432319
 Fax: +49 30 36431977
 E-Mail: info@beyontics.com

Registry Court:
 Berlin- Charlottenburg, HRB
 74211
 VAT-ID: DE185286048

beyontics Regional Organisations and Agencies

Germany and EU

beyontics Europe GmbH
 Phone: +49 30 36432319
 E-Mail: info@beyontics.com

North and South America

beyontics America Inc.
 Phone: +1 857 2142098
 E-Mail: america@beyontics.com

Asia-Pacific

beyontics Asia-Pacific
 Phone: +63 939 8986264
 E-Mail: asia-pacific@beyontics.com

Switzerland and other regions

beyontics Schweiz GmbH
 Phone: +41 61 2254355
 E-Mail: schweiz@beyontics.com