SHIMADZU
Excellence in Science

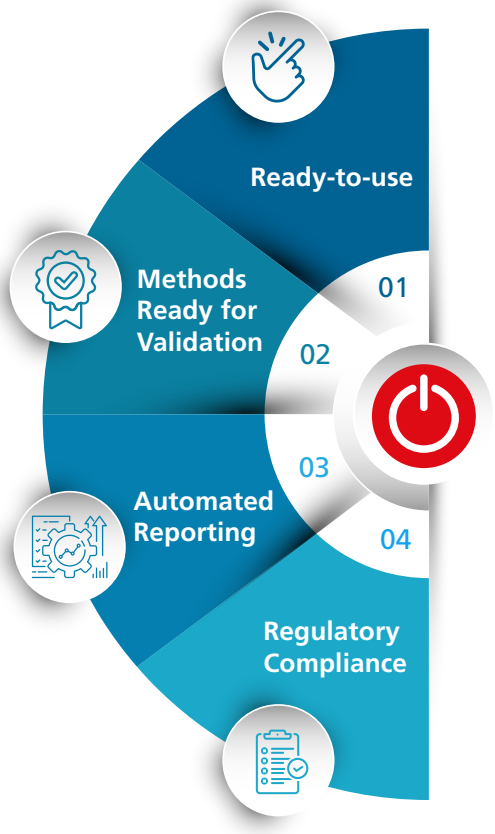
Brevis™ GC

EG DEG Analyzer

For the Analysis of Ethylene Glycol and Diethylene Glycol in Glycerin, Propylene Glycol, and Sorbitol via GC-FID (USP Monographs)

A turn-key solution, complete with chemicals, instruments, standard/sample preparation, analytical conditions, and software for operational and automated reporting.

- End-to-End workflow available
- Achieve precise determination of EG and DEG in pharmaceutical and food raw materials
- Simplifies instrument setup, analysis procedures, and compliance with regulatory requirements in QC labs
- Automatically generates test reports



Scan the QR code for more information on the Brevis GC

Ready-to-use SOP for the ***end-to-end workflow solution***

Ready-to-use

Routine Analyzer

EG/DEG End-to-End Workflow Solution Deliverables

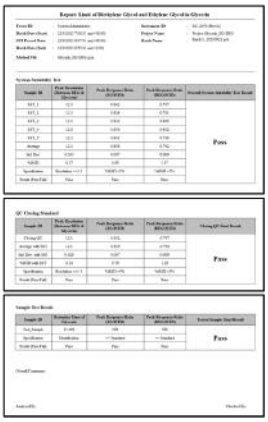
- Standard Operating Procedure (SOP)
  - Sample preparation procedures
  - Analytical Conditions as per the USP Compendial Monograph
  - Software operational workflow for data analysis
  - Automated reporting procedures
- Reagent list
- Consumables list

Methods Ready for Validation

According to USP Monographs

- For glycerin, propylene glycol, and sorbitol sample matrices
- **Pre-optimized analytical conditions** to ensure best performance
- Users only need to select the project accordingly to change conditions
- Any parameters can be changed, if necessary

Select the ready projects for each raw material with analytical parameters optimized according to the respective ***USP Monographs***



Pre-designed, configured and validated Multi-Data Report for ***automated calculation and reporting***

Automated Reporting

LabSolutions™ DB/CS Multi-Data Report (MDR)

- Pre-validated calculation template within the sequence
- Automatically generate the final report upon completion of analysis
- Quick confirmation of analytical results with **automatic pass/fail judgement**
  - System Suitability test
  - QC Closing Standard
  - Tested Sample results based on USP Monograph acceptance criteria
- Additional Validation/PQ Guidance

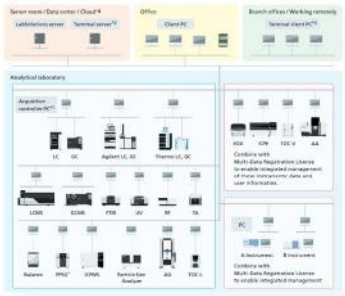
Regulatory Compliance

with LabSolutions DB/CS

FDA guidance has been issued with the information on applicable regulatory requirements and recommendations to help pharmaceutical manufacturers, repackers, other suppliers of high-risk drug components, and compounders prevent the use of glycerin and other high-risk drug components that are contaminated with EG or DEG.

LabSolutions DB/CS with EG/DEG End-to-End Workflow offers:

- Secured and easy-to-use environment
- Total Laboratory Network with other instruments
- Remote Operations and Work from Anywhere
- Meeting the FDA Guidance for EG/DEG
- Data Integrity in accordance to PIC/S GMP, EU-GMP and 21 CFR Part 11



LabSolutions CS Network

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