

Brevis™ GC  
**EG DEG Analyzer**



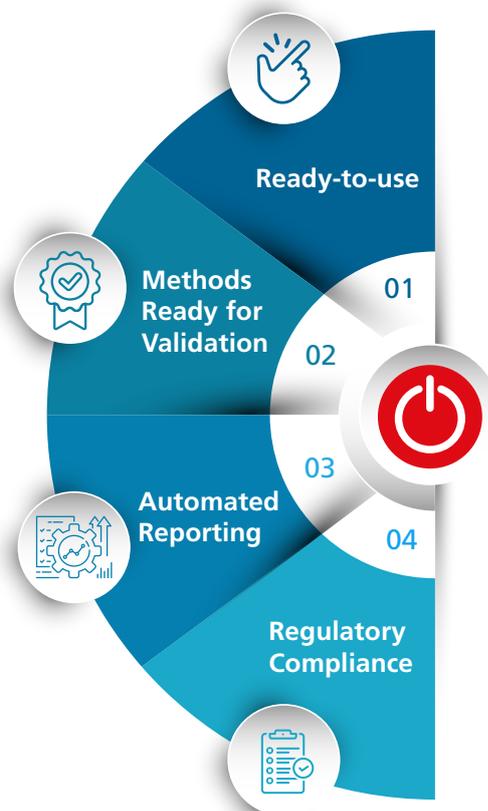
## For the Analysis of Ethylene Glycol and Diethylene Glycol in Glycerin, Propylene Glycol, and Sorbitol via GC-FID (USP Monographs)

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**

Report List of Glycerin, DEG and Diethylene Glycol in Glycerin					
Sample ID	Batch Number	Peak Response	Peak Response	Peak Response	Acceptance Criteria
1001	1001	1000	1000	1000	Pass
1002	1002	1000	1000	1000	Pass
1003	1003	1000	1000	1000	Pass
1004	1004	1000	1000	1000	Pass
1005	1005	1000	1000	1000	Pass
1006	1006	1000	1000	1000	Pass
1007	1007	1000	1000	1000	Pass
1008	1008	1000	1000	1000	Pass
1009	1009	1000	1000	1000	Pass
1010	1010	1000	1000	1000	Pass

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

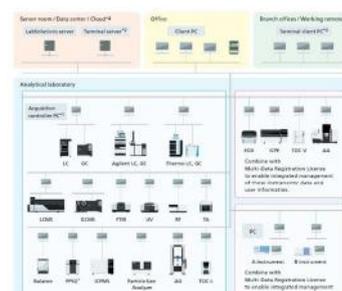
## Regulatory Compliance

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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