

# Equipment Qualification for FT-IR / FT-NIR

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Due to considerations of the Code of Federal Regulations (CFR), Title 21 part 11 the instrument handling, electronic spectra record and documentation has to fulfil a certain level. Today's regulated laboratories must comply with these extensive regulatory requirements. Comprehensive instrument and software validation manuals provide the documentation and procedures to achieve systematic and cost effective compliance.

The procedures of validation and qualification are illustrated and the methodical pathways are described in illustrated ways.

## References

1. US EPA, Guidance for methods development and methods validation for the Resource Conservation and Recovery Act (RCRA) Program, Washington, 1995
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3. US FDA, General principles of validation, Rockville, MD, Center for Drug Evaluation and Research (CDER), May 1987.
4. US FDA, Guidelines for submitting samples and analytical data for method validation, Rockville, MD, Center for Drugs and Biologics Department of Health and Human Services , Feb. 1987
5. General Chapter <1225>, Validation of compendial methods, United States Pharmacopeia XXIII, National Formulary, XVIII, Rockville, MD, The United States Pharmacopeial Convention, Inc, 1995, 1710–1612
6. Huber, L. "Validation of computerized analytical systems, Part 3: Installation and operational qualification"; LC-GC Magazine 1996, 14(9), 806-812