ALPHA II & LUMOS II

Supporter Package for ISO/IEC 17025 Accreditation (S030-ISO17025)

IR Method Verification with Ease

Innovation with Integrity

The Standard for Analytical Competence

ISO/IEC 17025 accreditation is the internationally recognized benchmark for laboratory competence. It helps laboratories demonstrate the accuracy, reliability, and traceability of their results, strengthen customer confidence, meet regulatory requirements, and gain a competitive advantage in the marketplace.

Your Fast Track to IR Method Verification

For the successful ISO/IEC 17025 accreditation of your IR method several requirements on instrumentation, analytical procedure and operator must be fulfilled. By providing the following components, Bruker's Supporter Package helps you to prepare the accreditation of your IR analysis methods with ALPHA II and LUMOS II:

- Standard KIMW 002, Part 2 for qualitative and quantitative FT-IR analysis as a basis for ISO/IEC 17025 accreditation.
- Checklist for commissioning the FT-IR spectrometer, including validation or verification
- Certified Polystyrene reference material, with documented metrological traceability to NIST SRM 1921b for instrument verification and performance qualification (PQ/OQ).
- Automated, software-controlled test routines for instrument qualification. Performance parameters such as wavenumber accuracy, repeatability and resolution are verified.
- Voucher for participation in an ISO/IEC 17043-accredited proficiency test by QD Labs for material identification. The participant's capability for qualitative polymer type determination across a range of plastics will be assessed.

Additional Bruker & QD Labs Offerings

- Service contracts for regular and preventive maintenance
- Application training and support
- Further proficiency testing programs
- Reference materials

QD Labs is an ISO/IEC 17043-accredited proficiency testing provider with a focus on materials testing. Thanks to extensive expertise in statistics and analysis, we support laboratories in quality assurance and create real added value for accreditation.

The **Kunststoff-Institut Lüdenscheid (KIMW)** has been your partner for expertise in thermoplastics and thermosets since 1988. Practice-oriented, technologically strong, and with expertise along the entire value chain.

Bruker Optics is continually improving its products and reserves the right to change specifications without notice.
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Bruker Optics is ISO 9001, ISO 13485, ISO 14001 and ISO 50001 certified.