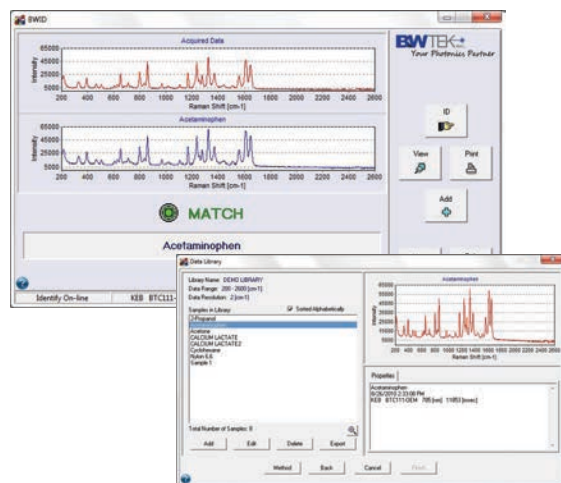


## Software

# BWID™ & BWID™-Pharma

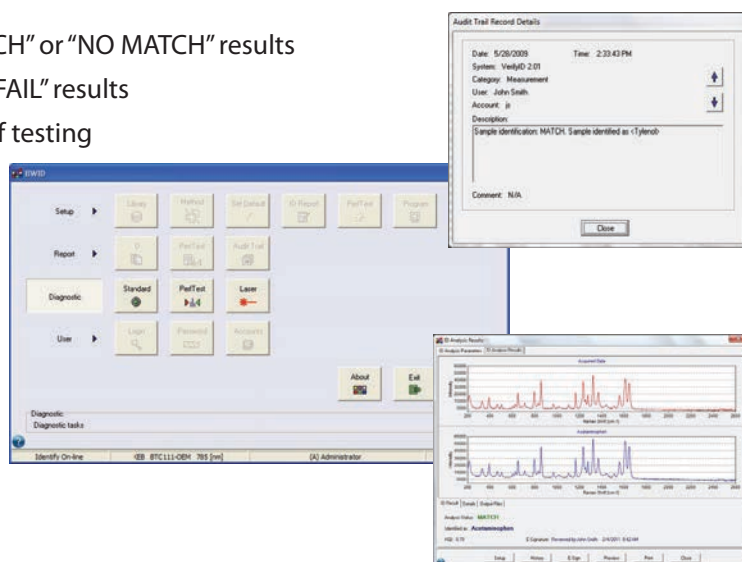


BWID™ has been specifically designed for material identification using Raman spectroscopy. It will rapidly identify and verify materials stored in your own personal easy-to-create library or one of B&W Tek's easy-to-load libraries. One click is all you need to create or expand a Raman library. The combination of BWID™ and any of B&W Tek's Raman spectrometer systems unite to create a powerful and effective solution for identification and verification of materials. The reporting capability enables a user to save, view, and print any analysis report.

BWID™-PHARMA is designed for pharmaceutical manufacturing facilities that are facing the increasing need for 100% inspection of incoming raw materials. In addition to all the features provided in BWID™, BWID™-PHARMA provides enhanced system access security and an audit trail of data activities that support compliance with the FDA 21 CFR Part 11 regulation for Electronic Records and Electronic Signatures, benefiting pharmaceutical system validations including Installation Qualifications (IQs) and Operational Qualifications (OQs) procedures.

### Key Features of BWID:

- Fast identification of unknown materials with “MATCH” or “NO MATCH” results
- Fast verification of known materials with “PASS” or “FAIL” results
- User-definable method for automated sequences of testing
- Facilitates inspection of incoming raw materials
- Build user-defined spectral libraries
- Supports third-party libraries
- Seven search algorithms
- Capable of automatic performance test
- Simplified menu driven GUI
- Save, View and Print Analysis Reports



### Key Features of BWID-Pharma:

- FDA 21 CFR Part 11 Regulation Compliance:
  - Electronic ID Signatures for Records Analysis: Review, Reject, Approve
- Three user levels: Administrator, Developer, Operator
- Pharmaceutical System Validations - IQ and OQ Procedures
- System Access Security
- Audit Trails

