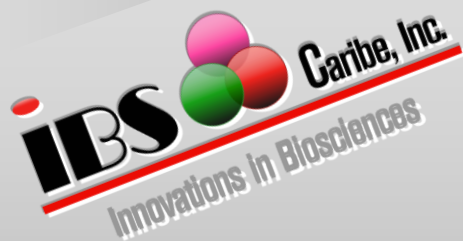
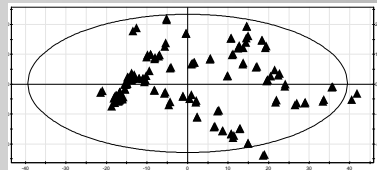
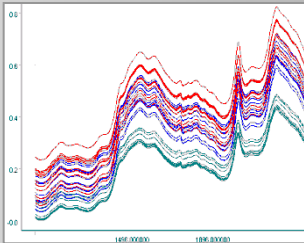


Puerto Rico's Premier PAT Provider

Services & Products for PAT Projects Lifecycle

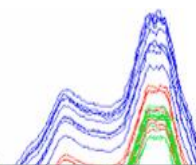


- Our business approach: do it right the first time while adding value to your bottom line.

Our Entire List of Offerings

Consulting

- Project Life-Cycle Management
- Method Development and Calibrations of Spectroscopic Methods
- Design of Experiments & Risk Based Assessment
- PAT Analyzers:
 - IQ, OQ & PQ
 - Validation



On-site Services

- Feasibility and Demos at lab and plant
- Installation of PAT Analyzers, Control Systems & Instrumentation.
- Preventive Maintenance & Repairs of PAT Analyzers, Control Systems & Instrumentation
- Staffing for Extended Periods for Method Developments and Calibrations of Spectroscopic Methods

Training

- QbD
 - DoE
 - MVA
 - Risk Based Assessment
 - Standards and Guidances from FDA and Other Regulatory Bodies
- PAT
 - Chemometrics
 - Analyzers
 - Automation
 - Standards and Guidances from FDA and Other Regulatory Bodies
- Hands-On Workshops in:
 - DoE
 - MVA
 - Risk Based Assessment
 - Analyzers
 - Chemometrics

Equipment Offerings

- Analyzers
 - NIR
 - Raman
 - UV
 - Mass Spectrometers
 - Photometers
 - Chromatographs
 - CEMS
 - Continuous Gas Analyzers
 - Breakdown Spectroscopy
 - Alternative Probes & Flow-Cells
- Automation
 - Umetrics MVA/Chemometrics Software
 - Aegis Software
 - Optimal PAT Analyzers Software
- ABB's Instrumentation Line
 - Includes Instrumentation Lines from former:
 - Taylor
 - Kent
 - Fischer Porter
 - Bailey
 - TBI-Bailey
 - Sensycon
 - Hartmann & Braun
 - Bush Beach Engineering
- Analytical Instruments for the Biosciences
 - Fogale's Viable Cell Density Probes
 - Finesse's Cell Density, Optical DO, DO & pH sensors.



Innovations in Biosciences