

Biopharmaceutical Method Development

Lancaster Laboratories' specialized staff of biopharmaceutical scientists offer analytical method development and validation services. We are ready to assist you with your method needs in support of drug development, formulation, stability studies, clinical trials, and release testing. Whether it's forced degradation on a protein, determination of residuals, or a purity assay, our team of experienced scientists can provide guidance, assistance and development at any phase in the drug development process.

Analytical techniques employed to develop and validate methods are:

- Microplate (96- or 384-well) Based Assays
- Cell-Based Assays
- Electrophoresis (SDS-PAGE, Western Blot, IEF)
- Biochromatography (HPLC, IEX, SEC)
- Protein Quantitation (UV)
- Mass Spectrometry (MS)

All of our work is performed under strict cGMP requirements. As a result, our clients can have confidence in their comprehensive report containing the detailed procedures and results for all development performed. Our standard format includes a copy of the analytical method, protocols when applicable, all test results, appropriate graphs, and calculations and sample raw data (such as chromatograms).

For more information on our method development and validation capabilities or any of our pharmaceutical capabilities, please contact your project manager or Pharmaceutical Business Development at 717-656-2300.



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