

Integral BioSystems Expands Service Offerings to Include Ala Carte Testing Services

Boston area CRO Integral BioSystems augments its full-service R&D offerings with individual testing services

BEDFORD, MA, USA, August 27, 2018 /EINPresswire.com/ -- Bedford, MA – August 27, 2018 – In response to customer demand, [Integral BioSystems LLC](http://IntegralBioSystems.com), Boston area CRO specializing in innovative pharmaceutical formulation development, has expanded its suite of service offers to include standalone individual analytical services.

With over 25 years of experience in all phases of cell and tissue targeted, sustained release pharmaceutical formulation development, Integral BioSystems President and CEO Shikha Barman can best advise how to shorten the time-to-market for your drug product by leveraging Integral BioSystems' extensive ala carte service offerings, including LC/MS/MS, DSC and HPLC analytical services.

Rapid Testing Services Offered
Rapid Testing Methods - LC/MS/MS, IH-NMR, 13C-NMR, UV-Visible Spectroscopy, FTIR, Polarized Light Microscopy, Differential Scanning Calorimetry (DSC), Thermogravimetric Analysis (TGA), Determination of Log P, Determination of pH, Conductivity, Particle Size Determination (PSD), SEM, TEM, ESCA, XRPD, Total Particulates, Osmolality of Formulations, Karl Fisher, Volatiles by GC, Dose Verification by HPLC (with client-supplied test method)

Rapid Materials Science Testing - Compressive, Tensile Modulus, Inherent viscosity, Cone-plate rheology

Deformulation of Approved Drug Products for Generic Product Development - Ophthalmics, Injectables, Dermals, Rectals, Pulmonary

Franz Cell Permeability Testing - Corneal permeability, Scleral permeability, Dermal permeability, Intestinal permeability

Dissolution / In-vitro Drug Release Testing (IVRT) - Tablets, Microspheres (in-vitro drug release), Nano-ized drug suspensions, Micronized drug suspensions, Creams, Ointments



Integral BioSystems



Integral BioSystems Testing Services

Rapid-Turnaround Testing Services

Equipped with state-of-the-art analytical instrumentation, Integral BioSystems has recently expanded its service offerings to include rapid-turnaround testing of samples as well as involved studies such as: deformulation studies, stability testing (R&D), dissolution testing, corneal permeability testing.

Rapid Testing Methods

- 1H-NMR, 13C-NMR
- UV-Visible Spectroscopy
- FTIR
- Polarized Light Microscopy
- Differential Scanning Calorimetry (DSC)
- Thermogravimetric Analysis (TGA)
- Determination of Log P
- Determination of pH
- Conductivity
- Particle Size Determination (PSD)
- SEM
- TEM
- ESCA
- XRPD
- Total Particulates
- Osmolality of Formulations
- Karl Fisher
- Volatiles by GC
- Dose Verification by HPLC, given a test method

Rapid Materials Science Testing

- Compressive, Tensile Modulus
- Inherent viscosity
- Cone-plate rheology

Deformulation of Approved Drug Products for Generic Product Development

- Ophthalmics
- Injectables
- Dermals
- Rectals
- Pulmonary

Franz Cell Permeability Testing

- Corneal permeability
- Scleral permeability
- Dermal permeability
- Intestinal permeability

Dissolution / In-vitro Drug Release Testing (IVRT)

- Tablets
- Microspheres (in-vitro drug release)
- Nano-sized drug suspensions
- Micronized drug suspensions
- Creams
- Ointments

Stability Testing of R&D Prototypes

- ICH conditions at 5, 25, 40, and 60 °C
- Arrhenius modeling available

Turn-around time for rapid sample tests are 7 business days, but 1 to 2 day and 3 to 5 day expedited rates are available for certain tests.

Testing Services to Characterize your Product

Integral BioSystems, LLC, 23 Crosby Drive, Suite 100A, Bedford, MA 01730
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For those in need of precise testing with rapid turnaround, Integral BioSystems offers an excellent solution"

Dr. Shikha Barman

Stability Testing of R&D Prototypes - ICH conditions at 5, 25, 40, and 60 °C, Arrhenius modeling available

Turn-around time for rapid sample tests are 7 business days, but if faster service is needed, please inquire.

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