

Analytical and Biochemical Services Request Form - Additional Samples

(All analyses are performed in compliance with cGMP unless noted.)

Company: _____ Compound Name: _____ WLF Quote/Proposal No.: _____

For submitting additional samples only. All pages must be submitted with Page 1 of the WLF Analytical and Biochemical Services Request Form.

Lot No / Sample ID: Weight:				
Thermal Analysis				
* Differential Scanning Calorimetry (DSC, 5 mg)				
Modulated DSC (mDSC, 5 mg)				
Microcalorimetry (non-GMP, 100-500 mg)				
nano-DSC (non-GMP, 1-5 mg)				
* Thermogravimetric Analysis (TGA, 5 mg)				
TG-IR (TGA coupled to gas-phase IR, 5 mg)				
Thermal Microscopy (hot/cold stage, 1 mg)				
Spectroscopy and X-ray Diffraction				
* Infrared Spectroscopy (IR, 1 mg)				
IR microspectroscopy (1 mg)				
Mass Spectrometry, ESI (1 mg)				
Mass Spectrometry, APCI (1 mg)				
Mass Spectrometry, MS/MS (1 mg)				
Mass Spectrometry, MALDI-TOF (1 mg)				
Mass Spectrometry, Q-TOF (1 mg)				
Near IR Imager (50 mg)				
NMR, liquid, ¹ H, ¹⁹ F, ³¹ P (1-5 mg)				
NMR, liquid, ¹³ C or other (10-100 mg)				
NMR, solid state, ¹³ C, ³¹ P, ¹⁵ N, ¹⁹ F, ²⁹ Si (30-40 mg)				
* Raman Spectroscopy (10-100 mg)				
Raman Microscopy (1 mg)				
UV/Vis spectrophotometry (5-10 mg)				
* X-ray powder diffraction (XRPD, 15-100 mg)				
XRPD Indexing (data analysis option)				
XRPD, variable temperature or variable humidity (50-200 mg)				
XRD, single-crystal structure (non-GMP)				
Microscopy and Physical Characterization				
Density, bulk only (>10 g)				
Density, bulk and tapped (>10 g)				
Dissolution (intrinsic, paddles, baskets)				
Energy Dispersive X-ray (EDX), includes SEM images (1 mg)				
Karl Fischer water titration, coulometric				
Karl Fischer water titration, volumetric				
Osmolality (1 mL)				
Particle size (Malvern laser scattering, 0.1-2 g)				
* Polarized Light Microscopy (1 mg)				
* Scanning Electron Microscopy (SEM, 1 mg)				
* Stereomicroscopy (1 mg)				
Surface Area (BET method, 0.5-5 g)				
Vapor sorption/desorption (DVS, 20 mg)				
Biochemistry and Chromatography				
Amino Acid Analysis (2 mg)				
Assays (UV, Colorimetric, or Fluorescent)				
Dynamic Light Scattering (DLS)				
Gel Electrophoresis (SDS, IEF, native)				
U/HPLC (RP, IC, SEC, chiral)				
N-terminal Sequencing				
Peptide Mass Fingerprinting (Q-TOF MS)				
Peptide Mapping (UV detection or LC-MS)				
SEC-MALS				

(* Rush and Urgent services are available for most techniques upon request. 3-Day Rush (50% surcharge) and 1-Day Urgent (100% surcharge) services are available only for XRPD, IR, Raman, DSC, or microscopy except when the testing requires a compendial or validated method.)

Specific Analysis Conditions/Details: _____

Standard analysis conditions will be used unless otherwise specified.

WLF INTERNAL USE ONLY

Date and Time Samples Received at WLF: _____ WLF Received By Initials: _____