

## Analytical and Biochemical Services Request Form

Please complete this form and submit with your sample(s), safety data, and payment information.

By sending samples in accordance with this form, the submitter agrees that AMRI SSCI, LLC ("WLF") shall perform the services set forth herein and further agrees that the work conducted is governed by AMRI DDA standard terms and conditions ([AMRI DDA Terms and Conditions](#)) unless an agreement for the provision of services, such as a master services agreement, is in place between the parties, in which case that agreement governs these services. No other terms or conditions, such as those found on purchase orders, apply.

Shipping Date: \_\_\_\_\_ Company: \_\_\_\_\_  
 Name of Submitter: \_\_\_\_\_ Address: \_\_\_\_\_  
 E-mail: \_\_\_\_\_  
 Purchase Order: \_\_\_\_\_  
 (P.O. or payment info is required to begin testing. Invoice will be sent to Accounts Payable of submitting company unless otherwise specified.)  
 Other Billing Info: \_\_\_\_\_ Phone: \_\_\_\_\_  
 Number of Samples: \_\_\_\_\_ Compound Name: \_\_\_\_\_  
 (If necessary for data analysis, please provide structure.)  
 WLF Quote/Proposal No.: \_\_\_\_\_

### Storage and Handling Information:

WLF reviews all available safety information prior to starting projects.

#### Storage Conditions:

- Ambient  
 Refrigerator  
 Std. Freezer  
 -80 °C Freezer  
 Light sensitive

#### Special Handling:

- Normal (OEL  $\geq$  1  $\mu\text{g}/\text{m}^3$ )  
 High Potency (OEL  $<$  1  $\mu\text{g}/\text{m}^3$ ; surcharge may apply)  
 Controlled Substance (DEA Schedules I-V; 25% surcharge)

#### Molecule Type:

- Small molecule organic  
 Peptide  
 Protein  
 Oligonucleotide  
 Inorganic  
 Contains element heavier than chlorine?

Refrigerated or frozen sample: How long may it be kept at ambient conditions during sample prep and analysis (default is 8 hours)? \_\_\_\_\_

Other safety/handling information: \_\_\_\_\_

### Analytical and Biochemical Services Request: (see page 2)

Please indicate purpose of analyses  General Information  FDA Submission  Lot Release \*

\* Lot release often requires a validated, product-specific method. Please contact WLF for further information.

Has WLF previously analyzed this compound?  Yes  No Should this data be compared with previous WLF data?  Yes  No

If yes, please include the report number(s) and/or sample ID(s) to be used for comparison. An hourly charge will be incurred for this service.

Comments: \_\_\_\_\_

### Report and Priority Options:

<input type="checkbox"/> <b>Interpretative</b> (includes hourly charge for data interpretation)  <input type="checkbox"/> Standard turnaround (7-10 business days for most techniques. Contact WLF for details.)  <input type="checkbox"/> 3-day Rush Service for XRPD, IR, Raman, TGA, DSC, or microscopy ( <b>50% surcharge</b> ; results via e-mail in 3 business days; report within 5 business days)  <input type="checkbox"/> 1-day Urgent Service for XRPD, IR, Raman, TGA, DSC, or microscopy ( <b>100% surcharge</b> ; results via e-mail by next business day; report within 4 business days)	<input type="checkbox"/> <b>Non-interpretative</b> (not available for techniques where interpretation is needed)  <input type="checkbox"/> Standard turnaround (5 business days for most techniques. Contact WLF for details.)  <input type="checkbox"/> 3-day Rush Service for XRPD, IR, Raman, TGA, DSC, or microscopy ( <b>50% surcharge</b> ; results via e-mail in 3 business days; non-interpretative report within 4 business days)  <input type="checkbox"/> 1-day Urgent Service for XRPD, IR, Raman, TGA, DSC, or microscopy ( <b>100% surcharge</b> ; results via e-mail by next business day; non-interpretative report within 3 business days)
--	--

**NOTE:** For expedited service for other techniques, contact WLF for availability, price, and turnaround time.

Should WLF send your signed final report via e-mail (PDF)?

Yes  No

An electronically signed PDF report will be provided via e-mail or CD if email is not requested.

(E-mail address if different than submitter)

### Sample Shipping:

Sample Receiving  
 AMRI SSCI, LLC  
 3065 Kent Avenue  
 West Lafayette, IN 47906-1076

Phone: 765-463-0112 or 800-375-2179  
 Fax: 765-463-4722  
 E-mail: [wlf\\_info@amriglobal.com](mailto:wlf_info@amriglobal.com)

WLF accepts sample deliveries Monday through Friday, except holidays, from 8:00 AM until 4:00 PM (Eastern). To deliver a sample at an alternative time, please call and arrange in advance.

### Sample Disposition:

- DESTROY SAMPLE(s) no less than 30 days after completion of project. DEFAULT option, if no other instructions provided.  
 RETURN SAMPLE(s) by FedEx Ground at no additional cost (non-hazardous materials, ambient conditions only). Provide address if different than provided above. Returned samples are not suitable for human consumption.

**Payment:** Invoicing will occur upon completion of report and is to be paid according to the Agreement terms.

## Analytical and Biochemical Services Request Form

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

Company: \_\_\_\_\_ Compound Name: \_\_\_\_\_ WLF Quote/Proposal No.: \_\_\_\_\_

**Use additional Sample Submission Forms (from website) when submitting more than 4 samples. All pages must be submitted with Page 1 of the WLF Analytical and Biochemical Services Request Form.**

Lot No / Sample ID: Weight:				
<b>Thermal Analysis</b>				
* Differential Scanning Calorimetry (DSC, 5 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Modulated DSC (mDSC, 5 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Microcalorimetry (non-GMP, 100-500 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
nano-DSC (non-GMP, 1-5 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Thermogravimetric Analysis (TGA, 5 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TG-IR (TGA coupled to gas-phase IR, 5 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thermal Microscopy (hot/cold stage, 1 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Spectroscopy and X-ray Diffraction</b>				
* Infrared Spectroscopy (IR, 1 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IR microspectroscopy (1 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mass Spectrometry, ESI (1 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mass Spectrometry, APCI (1 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mass Spectrometry, MS/MS (1 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mass Spectrometry, MALDI-TOF (1 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mass Spectrometry, Q-TOF (1 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Near IR Imager (50 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NMR, liquid, <sup>1</sup> H, <sup>19</sup> F, <sup>31</sup> P (1-5 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NMR, liquid, <sup>13</sup> C or other (10-100 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NMR, solid state, <sup>13</sup> C, <sup>31</sup> P, <sup>15</sup> N, <sup>19</sup> F, <sup>29</sup> Si (30-40 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Raman Spectroscopy (10-100 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Raman Microscopy (1 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UV/Vis spectrophotometry (5-10 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* X-ray powder diffraction (XRPD, 15-100 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
XRPD Indexing (data analysis option)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
XRPD, variable temperature or variable humidity (50-200 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
XRD, single-crystal structure (non-GMP)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Microscopy and Physical Characterization</b>				
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)				
<b>Biochemistry and Chromatography</b>				
Amino Acid Analysis (2 mg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Assays (UV, Colorimetric, or Fluorescent)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dynamic Light Scattering (DLS)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gel Electrophoresis (SDS, IEF, native)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
U/HPLC (RP, IC, SEC, chiral)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N-terminal Sequencing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Peptide Mass Fingerprinting (Q-TOF MS)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Peptide Mapping (UV detection or LC-MS)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SEC-MALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

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: \_\_\_\_\_