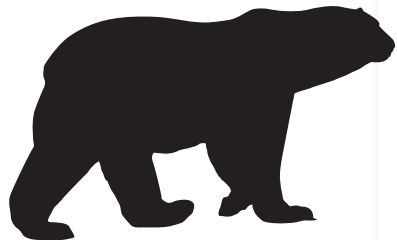


Analytical Services Division

After years of analyzing our own lipid compounds using the latest analytical techniques and instrumentation, the Analytical Services Division was created to share our expertise with the research, nutraceutical, food and pharmaceutical communities. We have been providing analytical services to our customers for over 25 years and are able to perform analyses under regulatory guidance such as GLP or cGMP, upon request, to support your project from concept to the marketplace. Our experienced team of analysts continually incorporate advances in lipid analysis, and we have consistently guaranteed the high product purity that Avanti has provided for almost 50 years. We are available for consultation and look forward to discussing how our analytical services can support your specific needs.



Testing for cGMP Compliance

Avanti is an FDA licensed manufacturing and testing facility. Our Analytical Services Division along with the support of our Quality Assurance Department can provide the testing you need under strict cGMP compliance.

We can provide:

- Method Design
- Method Development
- Method Qualification
- Method Validation
- Written Standard Operating Procedures
- Fully Documented Sample Receipt/Storage
- Lipid Raw Material Release Testing
- Quality Assurance Review
- Product Release Testing
- Stability Testing

Lipidomic Discovery Analysis

Many of our clients are researchers trying to overcome obstacles in their development pathway. Identifying the lipids present in their samples is critical to get them to the next phase, and Avanti is the partner that can provide that service and expertise. We offer lipidomic profiling of all sample types. We can screen across many lipid classes or provide a more detailed analysis of a particular lipid class of interest. Our Mass Spec team uses Avanti's high purity lipid standards to provide you with accurate and reproducible results.

Nutraceutical Testing

Avanti is experienced in performing analyses to support the label claims for lipid based nutraceuticals such as krill oil, fish oil, phospholipid enriched supplements, and many others. We primarily use Quantitative ³¹P NMR, GC-FAME, and LC/MS based methods in confirming customer's label claims. We can provide release testing to determine the lipid concentration in your final product, or stability testing to confirm that your label claims apply even after storage.



Analytical Services Division

- LC/MS/MS
- Phosphorus NMR
- Proton NMR
- GC/MS
- GC/FID
- HPLC/ELSD
- HPLC/UV
- Thin Layer Chromatography
- Karl Fischer Water Content
- Peroxide Oxidation Value
- Ion Chromatography
- ICP/MS

To find out more about how we may assist you with your lipid analysis needs, please contact us at:

✉ analytical@avantilipids.com

☎ (205) 663-2494

We look forward to working with you!



Research Products

Highest Purity Lipid Reagents

cGMP Manufacturing

API & Contract Manufacturing

Adjuvants

Immunotherapy & Vaccine Development

Analytical Services

Lipid Analysis

Lipidomics

Mass Spec Standards, Antibodies & Lipid Toolbox

Formulations

Liposomes & Nanoparticles

Equipment

Liposome Production Tools

Custom Services

Synthesis & Beyond

How may we help?

- Toll-Free USA/Canada (800) 227-0651
- Toll-Free USA/Canada (800) 229-1004
- Direct-Dial USA/International (205) 663-2494
- Direct-Dial Fax USA/International (205) 663-0756
- Orders: orders@avantilipids.com
- Inquiries: info@avantilipids.com
- Technical questions: technical@avantilipids.com



700 Industrial Park Drive
Alabaster, AL 35007-9105 U.S.A.
www.avantilipids.com



Analytical Services Division

Lipid Analysis



More than Lipids

Solutions for the entire product cycle:
research to commercialization.