HOW CRASHED?
OU INCREASE WIRELESS SIGNAL’S REACH?
L REGULATIONS?
OVE BIODEGRADABILITY?
AILURE?
RMULATE A COMMERCIAL PRODUCT?
U SYNTHESIZE A STABLE LABEL INTERNAL STANDARD?
HOW S?
OU RESPOND TO A DATA CALLING?
MODIFICATIONS?
RMER?
W YOU EVALUATE STABILITY IN HOT, HUMID ENVIRONMENTS?
MS SPECIFICATIONS?
ON?
NDING GEAR FAILURE?
ODEL?
SE LETTER ASAP?
DO YOU KNOW IF THERE IS A LEGAL CONFLICT?
G?
U IDENTIFY CONTAMINANTS?
CHARACTERIZE AN ANTIBODY DRUG CONJUGATE?
E FROM?
HOW S SAFE WHEN HEATED?
WO YOU IMAGE NANOSCALE DEVICES?
T AL PURITY?
DO YOU DETERMINE WHETHER A COMPOSITE IS SAFE?
DO YOU DETERMINE THE ROOT CAUSE OF AN INDUSTRIAL FIRE?
DO YOU KNOW RAW MATERIALS ARE PURE?
DO YOU DETERMINE IF WEAR AND TEAR CAUSED FAILURE?
DO YOU MONITOR CHARGE VARIANTS AND DEGRADATIONS?
DO YOU ADDRESS AN FDA RESPONSE LETTER?
DO MEET GLOBAL REGULATORY REQUIREMENTS?
DO YOU DETECT A GLASS STRAND?
DO YOU KNOW THIS IS NOT A COUNTERFEIT?
DO YOU KNOW WHAT ANALYTICAL TECHNIQUE TO USE?
DO YOU COMPLY WITH <USP/two.cap/three.cap/two.cap/three.cap/three.cap>?
DO YOU OPTIMIZE AN ANALYTICAL METHOD UNDER GMP?
DO YOU DETERMINE THE CAUSE OF FAILURE?
DO YOU TEST RELIABILITY OF NIGHT VISION SENSORS?
DO YOU TEST FOR BIOMAT Compatibility?
DO YOU VALIDATE A CIRCUIT MODEL?
DO YOU VALIDATE SUPPLY CHAIN QUALITY?
DO YOU IDENTIFY UNKNOWN METABOLITES?
DO YOU QUANTIFY ADDITIVES IN PLASTIC?
DO YOU SPEED UP INNOVATION?
DO YOU TEST FOR ELECTRONICS FAULT?
DO YOU PREVENT PACKAGING ISSUES?
DO YOU MAKE AN LED BRIGHTER OR MORE AFFORDABLE?
DO YOU KNOW WHETHER THE LINER IS THE PROBLEM?
DO YOU COMPLETE A TECHNICAL INSPECTION?
DO YOU DETERMINE IF A BIOSIMILAR IS SIMILAR ENOUGH?
DO YOU KNOW WHAT SENSOR IS THE PROBLEM?
DO YOU DETERMINE IF WEAR AND TEAR CAUSED FAILURE?
DO YOU DETERMINE THE CAUSE OF FAILURE?
DO YOU TEST RELIABILITY OF NIGHT VISION SENSORS?
THE POWER OF SCIENCE TO SHAPE COMMERCE

How do you make a product better, easier to use or less expensive? How do you ensure regulatory compliance or strengthen your legal case? How do you bring powerful scientific know-how across materials sciences, engineering sciences and life sciences to your commercial challenges? Ask EAG. We Know How.

A GLOBAL SCIENTIFIC SERVICES COMPANY

MATERIALS SCIENCES · ENGINEERING SCIENCES · LIFE SCIENCES
WE KNOW HOW: LET EAG BRING THE REVOLUTIONARY POWER OF SCIENCE TO YOUR BUSINESS

More than ever before, the world is experiencing a powerful convergence of science, technology and commerce. Great scientific minds are driving awe-inspiring commercial initiatives, and companies around the globe are seeking the insight and competitive advantage that advanced science can provide.

With deep experience across materials sciences, engineering sciences and life sciences, EAG is at the forefront of this revolution, one that is changing the way products are developed, designed, manufactured and used by millions of people around the planet.

EAG Laboratories brings together the most respected names in contract research and testing services to strengthen our multi-disciplinary expertise. So whether your challenge is to accelerate research and development, solve manufacturing problems or ensure compliance with industry and governmental regulations, there’s always one answer.

Ask EAG. We Know How.

A GLOBAL SCIENTIFIC SERVICES COMPANY

MISSION: answer complex scientific questions through creative problem-solving, objective analysis and expert data interpretation.
EAG Laboratories brings analytical testing and engineering expertise to every phase of product lifecycle. Deep experience in analysis of active ingredients, formulations and materials used in manufacturing, finished products, product components and packaging enables EAG to provide support for:

- Manufacturing & Supply Chain Support
- Investigation & Troubleshooting
- Quality Assurance
- Consulting & Litigation
- Product Innovation & Improvement
- Regulatory Compliance
- Manufacturing & Supply Chain Support
WE KNOW HOW: LET SCIENCE POWER YOUR INNOVATION, SAFETY & SUSTAINABILITY

Competition is fierce. Regulations are increasingly complex. Special interests and litigation are always a threat. In this environment, innovation, safety and sustainability are the very lifeblood of products and companies. With so much at stake, doesn’t it make sense to put leading-edge science on your side? We help companies across a broad range of technically demanding industries do just that.

PHARMACEUTICALS
Bring scientific insight and analytical intelligence to your R&D roadblocks, development decisions, regulatory requirements, manufacturing processes, investigations and environmental assessments. From early discovery through post-commercialization, EAG has worked with every class and type of compound, across most indications and all common formulations.

MEDICAL DEVICES
EAG has vast experience in materials, container/closure systems, drugs and biocompatibility evaluation. We’ve helped clients develop, design and commercialize everything from implantable and inhalation devices to vascular sealants, bio-polymers and drug-device combination products. FDA-registered, cGMP-compliant and ISO 17025-certified, EAG offers you the most complete suite of analytical services in the world.

FOOD / AGRICULTURE
Like many of the world’s largest biotechnology and agrochemical companies, your partnership with EAG gives you access to advanced crop science and a comprehensive suite of environmental testing services required by global regulators for agrochemical registration.

AEROSPACE / DEFENSE
The importance of continually improving safety, reliability and precision cannot be overstated. Ensure peace-of-mind with EAG’s expertise in compositional and chemical analyses of superalloys, coatings, composites, and other advanced materials used for protection, high speed, detection and communications.
CONSUMER PRODUCTS
From consumer electronics and wearables to products for personal care, home and garden, no manufacturer should be without the competitive advantage gained through product chemistry, physical and environmental testing, materials characterization and electrical testing and analysis.

TECHNOLOGY
Understanding the need to support innovation with practical science, global firms in telecommunications, energy, data storage and semiconductors rely on EAG to continually improve and troubleshoot manufacturing issues with a broad array of engineering, testing, analysis and qualification services.

CHEMICALS / BASIC MATERIALS
Ensure the quality and purity of your supply chain inputs through our expertise in surface analysis and materials characterization of chemical compounds, polymers, metals, active ingredients, excipients and intermediates.

LAW
EAG’s experience extends beyond the laboratory and into the courtroom. We maintain a team of litigation experts who regularly assist clients with trial preparation, depositions and expert witness testimony. EAG scientists have extensive experience supporting cases involving intellectual property, product liability and insurance claims.
**HOW DO YOU TURN GREAT CHALLENGES INTO GREAT SOLUTIONS?**

**WE KNOW HOW: AS CHALLENGES EVOLVE, SO MUST YOUR EXPERTISE**

One more thing business and science share in common: they never stand still. EAG is continually evolving and optimizing the techniques we use to understand challenges and create effective solutions. Here is a look at our multi-disciplinary offerings – organized by segment, but fully integrated – that represent the leading edge in scientific services.

### MATERIALS TESTING
- Surface Analysis
- Materials Characterization
- Composition & Material Identification
- Contaminant Identification
- Trace Elemental Analysis
- Advanced Microscopy
- Failure Analysis
- Deformation & Formulation
- Metallurgical Analysis
- Polymer Chemistry
- Extractables & Leachables Testing

### DRUG DEVELOPMENT
- Analytical MD/MV
- Stability Testing/QC Release
- Assays & Bioassays
- Animal Metabolism
- Impurity ID & Characterization
- Extractables & Leachables
- Peptide Mapping
- Carbohydrate Analysis
- Protein Chemistry & Profiling
- Reference Standard Management
- Deformation
- Custom Synthesis/Radiolabeling

### ENVIRONMENTAL TESTING
- Aquatic Toxicology
- Terrestrial Toxicology
- Avian Toxicology
- Pollinator Testing
- Plant & Animal Metabolism
- Residue Chemistry
- Field Management
- Product Chemistry
- MD/MV
- Environmental Fate

### CROP SCIENCES (BIOTECH CROP DEVELOPMENT)
- Protein Expression & Characterization
- Compositional (Nutritional Equivalency)
- Assays & Bioassays
- Plant Metabolism
- Residue Analysis
- Allergenicity Profiling
- Crop MD/MV
### ENGINEERING
- ATE Test & Engineering
- Burn-in & Reliability Qualification
- ESD & Latch-up Testing
- Failure Analysis
- FIB Circuit Edit & Debug

### PCB Design & Assembly

### CUSTOM SYNTHESIS / RADIOLABELING
- cGMP, GLP or Research-Grade
- API, AI
- Stable-labeled
- Radiolabeled
- Reference Standards
- Small & Large Molecules
- $^3$H & $^{14}$C

### CONSULTING & EXPERT TESTIMONY
- Trial Preparation
- Depositions & Expert Testimony
- Intellectual Property
- Product Liability
- Insurance Claims
“Materials touch almost every aspect of our lives. It’s exciting to be exposed, first hand, to leading edge technologies across such a broad scope of industries.”

“In our work we face new and unique challenges every day. It is our job and responsibility to find new and creative ways to solve those problems for our clients.”

“A successful outcome is often the result of resolving several rather minor problems along the way. Some of my most satisfying work has come from discussion and brainstorming with a client to ‘cut a path’ through the forest.”