



# Polymathic Analytical Labs

*A Zeus Company*

Polymathic Analytical Labs  
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## VITAL STATISTICS

Year Founded: 2008  
Number of Employees: 11  
Number of Facilities: 1

## WHO WE ARE

Polymathic Analytical Labs provides unbiased, advanced analytical and developmental support to a wide array of industrial, commercial, and medical markets through sophisticated materials testing, identification, technical problem solving, and analysis. With more than 40 years of experience and a proven record of expertise, we understand the potential and power that lie within advanced polymers. Polymathic Analytical Labs is an independent laboratory and has achieved the highest standards of professional excellence, including ISO 17025:2005 accreditation through A2LA. We provide the highest level of knowledge, accuracy, problem-solving skills, and above all, confidentiality.

## MAJOR MARKETS

Medical Device

## SERVICES OFFERED

### Routine Polymer Characterization

Polymathic Analytical Labs has the experience and equipment to provide polymer characterization support to your product development staff or production team with thermal, mechanical, chemical and microscopy services with fast turnaround and world class customer service.

### Contaminant Identification / De-formulation

You have spent a lot of time and money developing and manufacturing a world class product with the highest level of quality commitment in your industry, but even in the tightest quality systems occasionally something happens and someone on your staff or a customer asks, "what is this in my material" or your supplier is

unable to supply your polymer component anymore and will not tell you what it is. You need to know and you need to know now. Polymathic Labs can help by identifying the material in a timely manner using a variety of methods.

### Method Development

While it is best practice to use standardized test methods to characterize a new material or product, sometimes a standard does not exist. You may also want to know something about your product that has not been considered within the typical specifications. As your development partner, Polymathic Labs has a team of analytical chemists, polymer scientists, biomedical engineers and design engineers who are positioned to get you the information you need and handle method transfers.

### Machine Shop

As new products are developed, corresponding test apparatus often have to be fabricated to test the product by an existing method or to perform a new test. Test equipment manufacturers typically wait until they have enough demand to justify fabricating a new grip or other device to meet the test specifications. This can lead to delays in your product development schedule and missed opportunities. Polymathic Labs has an affiliated machine shop that can design and fabricate advanced test apparatus to meet standard or non-standard test specifications. One of our valued customers needed suture retention data on vascular graft material to meet the ISO 7198:1998(E) specifications. "Suitable grips" were designed and fabricated in a matter of days rather than the weeks or months it would normally take to subcontract the fabrication or order from the test equipment manufacturer.

### Contract R&D

Polymathic Labs delivers expert analytical services in a secure, confidential environment, in support of your manufacturing process or to advance your research and development efforts. Developing and proving new technology is a labor and time intensive process. Too much time can translate into missed opportunities. Polymathic Labs can help you condense that time by teaming with Zeus Contract Research Services to provide design consultation, material selection, prototype development, assembly solutions, and ultimately commercial scale up for market entry.

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