



A mysterious black spec of dust, the formation of an unknown film, the sudden appearance of an impurity. Identifying the cause of such difficult problems can be a challenge.

At Quantex Laboratories we have extensive experience and expertise in solving such difficult problems in all types of materials including, pharmaceuticals, specialty chemicals, polymers, polymer additives, inks, paints, lakes, dyes, intermediates, flavors, fragrances and numerous other types of materials.

Who We Are

Quantex Laboratories is a science and technologies services company providing analytical testing, research and consulting services in the chemical sciences. Our services are employed to address and solve issues relating to impurities, contaminants, unknowns, performance and manufacturing problems of materials and products. We provide our services to a diversity of industries both here in the United States, as well as companies located in Europe, Asia, and South America.

What We Do

Our services support manufacturing, formulations, raw material qualification, product testing, registration and regulatory compliance. Quantex Laboratories provides a range of analytical and R&D services for assessing impurities, contaminants, and unknowns related to product quality, efficacy, performance and regulatory compliance. Through a customized problem solving approach Quantex scientists apply a range of analytical techniques to detect and identify contaminants in pharmaceutical, biotechnology, personal care, consumer, medical device and industrial products.

Analytical Capabilities

Analytical capabilities include a diverse range of instrumental techniques. Our laboratories have the ability to separate, identify and measure both organic and inorganic impurities, including phthalates, nitroaromatics -nitrosamines and polycyclic aromatics. We routinely measure down to the parts per billion. Our laboratories also have the capabilities for measuring as low as the parts per trillion range for certain unique or specialized impurities.

Our chromatography group is well equipped. We have a broad range of gas chromatographs and HPLCs. GCs are equipped with various detectors from TCD, FID, ECD, Flame Photometric to NP. HPLCs have various isocratic and gradient capabilities. Detectors available for HPLC analysis include UV, PDA, RI, ELCD, Fluorescence and Conductivity detectors. We also have extensive MS capabilities. We have several GC/MS and LC/MS instruments configured with various sample introduction systems that allow us to provide speciation and structural elucidation, as well as quantitative results.

In the area of heavy and trace metals our laboratories are well equipped to handle a diverse range of sample types and detection limits. These capabilities include ICP, flame, graphite furnace and cold vapor atomic absorption spectrophotometer. We routinely analyze for such metals as cadmium, chromium, lead, mercury and arsenic.

Other capabilities include Uv-Visible, FTIR, and FT-Raman spectroscopy, Karl Fisher and various modern gravimetric and titrimetric techniques.