



NY Lab ID# 11393/11840
FL Lab ID# E87600/E87936



STATEMENT OF QUALIFICATIONS

FOR

SPECTRUM ANALYTICAL, INC.

FEATURING

HANIBAL TECHNOLOGY

11 ALMGREN DRIVE

830 SILVER STREET

AGAWAM, MA 01001

(413) 789-9018 • (413) 789-4076 FAX

Document No. f:\data\comp quality assurance manual\statement of qualifications 2009_Apr

INTRODUCTION

Spectrum Analytical, Inc., Featuring Hanibal Technology is an environmental testing laboratory headquartered in the Greater Springfield area in Agawam, Massachusetts, and staffs over 100 employees. Since its inception in 1990, Spectrum's objective is to provide quality analytical testing services to consulting firms, industries, municipalities, and the private sector in a timely manner. Spectrum specializes in the performance of organic, inorganic, wet chemistry and microbiology analyses in various matrices including air.

Spectrum's main operational building is located at 11 Almgren Drive. This building accommodates our Inorganic, Wet Chemistry, Microbiology Departments as well as our Sample Receiving Area. A separate building within the same industrial park, located at 830 Silver Street, houses our volatile organics and air laboratories as well as our administrative offices. The laboratory facilities have more than 22,000 square feet of office and laboratory space combined. The designs and layouts of the laboratories were chosen to provide efficient sample processing, alleviate possible cross contamination issues and to provide a safe work environment.

Spectrum has expanded its certification throughout New England, New York, New Jersey, Pennsylvania and Florida. Additionally, Spectrum's quality data is accepted in many states through reciprocity. A full listing of our accredited test methods is available on our website at www.spectrum-analytical.com in the "Quality" section. Spectrum Analytical is in compliance with all applicable NELAC standards. New York State is our primary accrediting authority, with secondary accreditation through New Hampshire and Florida.

Spectrum exhibits a strong business philosophy that consists of professionalism, communication and leadership. This is continually demonstrated through Spectrum's commitment to provide its clients with both technical expertise and business experience and has created a unique style, which enables this laboratory to achieve a higher level of performance. Spectrum is committed to meet current environmental strategies and complies with EPA and other state agency regulations. Spectrum Analytical bases its internal quality systems on the NELAC standards.

QUALITY ASSURANCE OBJECTIVES

Spectrum follows the well-defined EPA standards for validation and data accuracy as the foundation of our QA/QC effort. The details of Spectrum's quality assurance program are documented in the laboratory's Comprehensive Quality Assurance Manual, which is available upon request. The primary QA/QC objective is to develop, implement and maintain procedures for sample receiving, sample preparation, laboratory analysis, data validation and reporting that provide scientifically valid, legally defensible data. Spectrum supports this objective through QA/QC procedures throughout the laboratory, including all ancillary departments.

Spectrum is so confident in its accuracy that when applying for certification renewals, the required proficiency tests is run on a rush basis. This is done because 70% of our projects require an expedited turnaround time; therefore if we can run and pass the all-important proficiency tests using our rush procedures, we have further proven the accuracy of our ongoing technique.

Our use of reliable and technically sound instrumentation, the experience of our chemists, and our well-trained support staff are additional components to our QA/QC program.

ORGANIZATION AND RESPONSIBILITIES

Spectrum Analytical, Inc. featuring Hanibal Technology employs a team of professionals who demonstrate and possess a high-level of training along with at least five years or more technical experience with both organic GC, GC/MS, inorganic methods along with wet chemistry, microbiology and air methodologies. Our staff utilizes their scientific and technical expertise to service the analytical and informational needs of our clients and allows us the ability to customize and develop certain scientific procedures that are not part of the existing EPA standard methodologies. These staff diversities enable Spectrum to produce high-quality data while maintaining our efficiency, quality assurance and effective deliverables and profitability. Spectrum encourages its staff to revise and develop procedures that will improve the overall function. Present staff qualifications and work experience are on file and may be furnished to a client upon request.

KEY CONTACTS FOR MORE INFORMATION

The following lists key contacts along with their responsibilities for further information.

Hanibal C. Tayeh, Ph.D., President/CEO-Laboratory Director

hanibal@spectrum-analytical.com

Amine Dahmani, Ph.D., R&D Section Team Leader

adahmani@spectrum-analytical.com

Oversees the Treatability and Forensic Geochemistry Laboratories

Nicole Leja, Deputy Director of Operations

nbrown@spectrum-analytical.com

Assists with project management, quality control issues, answers technical questions

June O'Connor, Deputy Technical Director

joconnor@spectrum-analytical.com

Assists with project management, quality control issues, answers technical questions

Kimberly Wisk, Quality Assurance Manager

kwisk@spectrum-analytical.com

Maintains all NELAC and regulatory agency certifications

Dulce Litchfield, Quality Services Section Team Leader

dlitchfield@spectrumanalytical.com

Responds to client's inquiries re: price quotations, report status; sample collection, focuses on sample integrity; etc.

Joel C. Navaroli, IT Manager

jnavaroli@spectrum-analytical.com