



Residue Chemistry Technical Staff Experience Summaries

N. Moorthy Mallipudi, Ph.D, Director, Chemical Services

Twenty five + years of research experience in Agrochemical Discovery and Product Development, with emphasis on residue, metabolism, and environmental fate studies to support registration of agrochemical products. Directed teams of highly skilled scientists with a strong background in instrumentation and techniques required for residue detection in various matrices. High level of expertise conducting residue and metabolism studies on a broad range of insecticides, herbicides, fungicides, and growth regulants.

William D. Gravelle, M.S., Study Director

Twenty + years of experience coordinating and executing studies to understand pesticide stability in soil, plants, water and insects. Proficient with HPLC operation, analysis/interpretation of results, method development and trouble-shooting. As Study Director, demonstrated the ability to plan and execute studies to meet project deadlines in a GLP environment. Technical skills include HPLC/UV, LC/MS, GC/MS, TLC, and radiometric techniques.

John Arabinick, A.S. Senior Analytical Chemist

Twenty four years of experience with residue methods for pyrethroid, carbamate, organophosphate, nicotinamide, and neonicotinoid insecticides, as well as several triazolinone and isoxazolinone herbicides in a variety of matrices (soil, crops, animal tissue, and water). Served as Study Director for numerous RAC and Storage Stability Studies. Proficient with HPLC/MS and GC/MS operation, radiometric techniques, analysis/interpretation of results, method development and trouble-shooting.

Ming Xiong, B.S. Analytical Chemist

Eight years of experience with residue methods for pyrethroid and carbamate insecticides, as well as several triazolone and isoxazolinone herbicides) in a variety of matrices (soil, crops, animal tissue, and water). Experienced in residue analytical method development and validation with a variety of matrices (soil, crops, animal tissue, and water).