

# RESIDUE STUDIES



Battelle can help you meet global registration requirements by providing GLP-compliant analytical data from matrices from a variety of regulatory studies. We partner with registrants and study management companies to efficiently generate high-quality analytical data. With a more than 3,000 employee organization, Battelle has the resources to meet your analytical needs.

## A PROVEN TRACK RECORD

For over 30 years, Battelle has generated analytical data to support client registrations from a wide range of study types in the United States and Europe. Battelle's highly experienced staff operate in modern facilities to develop robust analytical data using harmonized validated methods to fully to meet globally accepted GLP-compliant guidelines.

## ANALYTICAL SERVICES

- Method development, validation and optimization
- Independent Laboratory Validation (ILV)
- Sample prep, homogenization and milling
- Analytical data that support a range of studies, including:
  - Magnitude of residue, including rotational crop and decline
  - Storage stability
  - Terrestrial field dissipation and aquatic field dissipation
  - Dislodgeable foliar residue
  - Turf transferable residue
  - Groundwater and surface water
  - Animal feeding residue
  - Pollen and nectar residue

## EXPERTISE AND RESOURCES

For decades, Battelle's analytical chemistry team in Norwell, MA has developed fully validated EPA and SANCO guideline HPLC and GC methodologies for a wide array of crop matrices (RAC and processed), soil, water, sediments and animal tissues. Our expertise and experience in determining trace quantities of target analytes is a particular strength.

The team is supported by analytical chemists and scientists at Battelle headquarters in Columbus, OH Norwell MA, and Battelle United Kingdom, Ltd. (BUKL).

## INSTRUMENTATION

Battelle has the newest and most sensitive LC-MS systems from Sciex, with the ancillary UHPL systems, dozens of GC systems, a full lab dedicated to sample processing and preparation, and significant dedicated fridge and freezer storage.

**Do you need robust, GLP-compliant analytical data?  
Contact us today.**

614.424.3900  
+41 22 827 28 00  
solutions@battelle.org  
www.battelle.org/agribusiness

Every day, the people of Battelle apply science and technology to solving what matters most. At major technology centers and national laboratories around the world, Battelle conducts research and development, designs and manufactures products, and delivers critical services for government and commercial customers. Headquartered in Columbus, Ohio since its founding in 1929, Battelle serves the national security, health and life sciences, and energy and environmental industries. For more information, visit [www.battelle.org](http://www.battelle.org).

+41 22 827 28 00 | 614.424.3900 | [solutions@battelle.org](mailto:solutions@battelle.org) | [www.battelle.org/agribusiness](http://www.battelle.org/agribusiness)

Battelle and its logos are registered trademarks of Battelle Memorial Institute. © Battelle Memorial Institute 2019. All Rights Reserved.

ID 660 01/19

**BATTELLE**  
It can be done