

About Battelle

Battelle is the world's largest nonprofit independent research and development organization, providing innovative solutions to the world's most pressing needs through its four global businesses: Health and Life Sciences, National Security, Energy Technology, and Laboratory Management. It advances scientific discovery and application by conducting \$5 billion in global R&D annually through contract research, laboratory management, and technology commercialization.



Formulation Development

Battelle offers you the opportunity to work with a team of internationally recognized formulation development experts with more than 100 years of combined agrochemical formulation experience with leading companies.

When you ask for our advice or services, you do so with the assurance that our team will really understand your needs. In addition, you have to commit to? None! In any co-operation you are totally free to decide the level of support you wish, free from any ingredient supply or manufacturing contract tie-ins.

Working in purpose-built, GLP-compliant facilities equipped to conduct both laboratory and pilot-scale investigations, our team can support you With:

- New product feasibility studies
- Product quality issues
- Validation of new sources of active ingredient
- Management of new projects—development, stability testing, batch preparation, and factory process transfer
- Replacement of potentially hazardous ingredients

Our expertise spans a wide range of formulation technologies, including:

- Water-dispersible granules (extrusion or fluid-bed)
- Suspension concentrates (aqueous and nonaqueous)
- Emulsions and microemulsions
- Solutions, dispersible, and emulsifiable concentrates
- Wettable powders

Battelle also has the people and skills to support each formulation development project from conception to completion. Together with selected partners, we will be most pleased to provide:

- Physicochemical property determination and hazard evaluation studies
- Efficacy testing
- Toxicological and ecotoxicological testing
- Tier summary preparation
- Regulatory advice, dossier preparation, and submission
- Post-submission regulatory support