



Increased efficiency in mycotoxins analysis, reducing related costs by 30% at a feed manufacturer



CLIENT NEEDS / CHALLENGES

- Implementation of in-house mycotoxin detection tools on complex matrices (unifeed, mash, and silage)
- Optimizing sample extraction process
- Identify a solution to test different sample volumes.
- Reduce workload on technicians.



GSD SOLUTION

- Complete solution for the entire workflow from sample extraction to obtaining results, customized for the client's needs
- Automation solution with the BOLT™ ELISA analyzer
- Validation service for complex matrices using mycotoxin BZERO kits.
- Mutual collaboration and dedicated approach.



RESULTS

- Significant improvements in the client's operations:
 - + 35% increase in analytical capacity
 - Additional overnight run capability
 - 50% reduction in consumables used (i.e., reagents, tips, purification columns and filters)
- Growing number of samples analyzed, due to the laboratory's acquired ability to support an increased workload
- Increased efficiency of mycotoxin analysis for complex matrices
- Satisfied in-house laboratory staff
- Long standing mutual relationship established with GSD, including collaboration during Beta-test processes, trainings and consultations.



Develops and manufactures feed and supplements for dairy ruminants. Its in-house laboratory Rumilab offers analytical services for milk and feed, with the aim to provide its customers with scientific technical support to control and optimize diets.



Rita Fornaciari
Laboratory Manager
"A truly innovative solution"



Antonio Sagliano
Laboratory Technician
"A high-performance custom kit"