



# Specialist Microbiology at ALS

YOUR FIRST CHOICE FOR ANALYTICAL TESTING SERVICES

Microbiology is an intricate and complicated science. All too often, contract testing laboratories perform routine testing well but when a crisis arises or more in-depth work is required, they are unable to fully support their customers who are then left to seek out alternative service providers.

The Specialist Microbiology Team, based at our Rotherham site in South Yorkshire, is a dedicated team of technical experts able to provide ALS clients with a wide range of bespoke testing, trials, projects and requests as part of a genuine 'One-stop shop' solution.

With continuous access to cutting edge technology, technical expertise and a global network of laboratory services we offer:

- » Challenge Test Studies – Practical studies performed to assess the ability of a product to sustain the growth of target micro-organisms across the intended shelf life. These studies can be used to challenge new formulations, extend the shelf life of products and demonstrate compliance with regulations such as EC 2073/2005.
- » Specialist Shelf Life Trials - When specific parameters beyond the scope of a contract lab are required, the specialist team is on hand to provide the bespoke service needed. We are able to store products at non-standard conditions, carry out product assembly procedures and provide certificates of analyses and or project reports to evaluate the stability of a product throughout its shelf life.
- » Process/Product/Systems Validations – Trials aimed at demonstrating the ability of a certain process or product to consistently achieve defined parameters. Previous projects have involved testing new wash solutions as part of a process control procedure, disinfectant efficacy against BS EN Standards, and effects of storage or cooking processes on products.
- » *Salmonella* Check & Trace serology – UKAS accredited, rapid serology results for confirmed *Salmonella* sp. isolates.
- » *Listeria* strain typing – Using MALDI-TOF we are able to get resolution beyond species for *Listeria* isolates, making this testing an excellent tool in source tracking and outbreak investigation. This service is faster and more economical than traditional Ribotyping, providing results in as little as 3 days.
- » Bacterial, Yeast or Mould identification services – We utilise a broad selection of molecular, biochemical and traditional techniques to identify practically any organism.
- » *E.coli* O157 Detection by PCR – A premium UKAS accredited detection test for one of the most notorious food pathogens. The sensitivity of PCR technology, combined with the rapid turnaround time of this test sets it apart from other *E.coli* O157 tests.





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We are responsive to our clients' needs and offer a service that you can rely on.



Proven track record in the delivery of reliable results:

- » Bacterial ID's - 3 day TAT
- » Yeast and Mould IDs - 10 day TAT
- » Check & Trace *Salmonella* serology 5 day and 3 day TAT
- » *E.coli* O157 by PCR is Next day or same day TAT



A bespoke premium service with a high attention to quality ensuring operational excellence and delivery of accurate and precise results.



Industry leading expertise.

- » Delivery of regular technical training to our own team members and also to our client base.
- » Training courses and webinars offered to strengthen your team's knowledge by sharing our experience & knowledge with you.



The Specialist Micro Team provides that personal touch, with all projects discussed, developed and carried out by a dedicated team that is only a phone call away.

## Contact Us



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