



Shelf Life, Product Challenge, Inoculation and Custom Studies

While routine testing of your product and its environment are crucial, a one-time glimpse of your product's microbial condition is not always enough to provide you the information you need to prove your products effectiveness and endurance. Measuring how your product's stability and performance is affected by shelf conditions and stressed conditions is one of our primary service areas.

We design and develop studies to meet your objectives and address your specific concerns. We plan studies to help you better understand how your product performs. We combine state-of-the-art testing methods with years of data collection experience that incorporates visual and sensory observations of your product.

Cherney Microbiological has conducted:

- Shelf Life Studies
- Stresses Product Challenge Studies
- Minimum Inhibitory Concentration Studies
- Disk Diffusion Assays
- Bacterial Content Verification
- Inoculation Recovery Studies
- Method Validation

Inoculation and recovery studies have been performed on many types of bacteria, yeast and mold including but not limited to: *Listeria monocytogenes*, *Salmonella* sp, *Staphylococcus aureus*, *E. coli* 0157:H7, *Lactobacillus*, *Bifidobacteria*, *Candida*, *Penicillium*, *Aspergillus*, *Burkholderia* and *Pseudomonas*.

Cherney Microbiological routinely conducts challenge studies on products such as:

- Sour Cream
- Cream Cheese
- Shredded Cheese
- Immitation Sliced Cheese
- Organic Sliced Cheese
- Salad Dressing
- Cheese Spread
- Baker's and Brewer's Yeast
- Powdered Drink Mixes
- And More

No matter what type of product you manufacture, a study can be designed to fit your particular needs. Whether you have a project in mind or need specific data but are not sure how to test for it, don't hesitate to contact us to initiate a discussion of your study. Call 920-406-8300 or Email:

TestWithUs@cherneymicro.com to find out how Cherney Microbiological Services can provide "A Culture of Outstanding Service".

