

Price List with Examples:

The **estimated cost** for the tests will depend on **sample numbers** and **test types**. Payments are expected prior to initiating the work. Test turnaround times will vary depending on quantity and complexity.

For all tests done, **18% will be taken from the total** and added as an Administrative Fee. In addition, a **data analysis and report fee** will be added based on the quantity and complexity of the project. **Report fees** can range from \$250 and higher.

We accept **checks and ACH** payments.

If payment is by credit card, there will be an **additional 15% credit card fee** added to the above total.

Example of Administrative Fee applied:

Tests ordered: On one sample to test, Total Coliforms (\$35) and Lactic Acid Bacteria (\$25)

Pricing Estimate: 1 sample X (35+25) + 18% of total = (60) + 18% of total

Final Price Total: \$70.80

Example of Credit Card Fee applied:

Tests ordered: On one sample to test, Total Coliforms (\$35) and Lactic Acid Bacteria (\$25)

Pricing estimate: [1 sample X (35 + 25) + 18% of total] + 15% credit card fee

Final Price Total: \$70.80 + 15% credit card fee

Final Charge on credit card: \$81.42

Microbiology Tests:

- Yeast and Mold -- \$25
- Aerobic Plate Counts (APC) -- \$25
- Lactic Acid Bacteria -- \$25
- Total Coliforms -- \$35
- *Escherichia coli* -- \$30
- *E. coli* O157:H7 -- \$55 *
- *Salmonella* -- \$50 *
- *Listeria monocytogenes* -- \$50 *
- *Staphylococcus aureus* -- \$35 *
- *Campylobacter jejuni* -- \$100 *
- *Enterobacter sakazaki* -- \$55
- *Bacillus cereus* -- \$50
- *Enterobacter aerogenes* -- \$50
- *Pseudomonas aeruginosa* -- \$50

* For the Pathogen test, if the sample is presumptive positive, an additional \$50 will be charged for the confirmation test.

Specific Food Safety Tests

- Aflatoxin -- \$50
- pH -- \$20
- Water Activity -- \$40
- Moisture Content Analysis -- \$40
- Color Evaluation -- \$25
- Texture Evaluation -- \$50

See website (<https://foodtesting.arizona.edu>) for Example Report and additional information

Sanitizer Evaluation

We analyze basic microbial contaminants to verify proper cleaning. We also use environmental swab sampling done on food contact surfaces, food processing equipment, etc., and samples will be analyzed for indicator microorganisms and/or pathogens used during this test. We also test antimicrobial effectiveness, which is a valuable tool for evaluating either intrinsic antimicrobial properties or different types and levels of added antimicrobial agents. We can test the efficacy of any type of antimicrobial agent.

Price for Sanitizer Evaluation:

(# of time points) X (# of concentrations + 1 control) X (# of microbes tested against) + 18% administrative fee added to total

Price Estimate Example:

The estimated cost for the test will depend on sample numbers and test types.

For example, if a company needs to test the effects of one sanitizer against *Salmonella* (\$50) and *E. coli* O157:H7 (\$55) at 3 different concentrations and water control. The test needs to be done at 1 minute and 3 minutes after the treatment.

The costs will be 2 (time points) X 4 (3 concentrations + control) X (\$50 + \$55) = \$840, plus 18% administrative fee charged by the university.

Shelf Life Testing

Shelf-life testing can be described as the time the product lasts in storage before it becomes unsuitable for consumption or use. We require information about the product and its intended use to determine what tests need to be done on the product. This will help our customers take the appropriate steps to reach their product goals.

Example Products:

For shelf life, we test a variety of products. Some common products we test are salsas, dips, sauces, juices, protein bars, and nuts.

Pricing of Shelf Life Testing:

(# of samples or batches) X (# of time points) X (# of tests requested) + 18% administrative fee added to total

Example Pricing:

For example, if a company needs to test **one salsa** sample for shelf life, we typically test for aerobic plate counts (APC) (\$25), coliforms (\$30), yeasts and molds (\$25), pH (\$20) and water activity (\$40) on Days 0, 7 and 14.

Then the cost will be 3 (time points) X \$(25 + 30 + 25 + 20 + 40) = \$420 + (\$250 for data analysis and report time fees) = \$670, then an additional 18% administrative fee charged by the university.

Sensory Evaluation

The sensory quality of a food product is the most important factor influencing its success in the marketplace. We can test the consumer acceptability of any food product by using trained and untrained panelists of various ages.

Price for Sensory Evaluation:

$(\$30 / \text{product} / \text{person}) + 18\%$ administration fee added to the total

Sensory Evaluation Price Estimate Example:

The estimated cost for the test will depend on sample numbers and panelist numbers.

For example, if a company needs to test **3 salad samples** evaluated for aroma, color, freshness, mouthfeel, flavor, and overall acceptability with **20 panelists**, the costs will be $(\$30 \times 3 \times 20) = \1800 , plus 18% administrative fee charged by the university.

Consumer Outreach

We can promote research results by delivering and publishing them via posters, demos or displays at community events, seminars, and workshops.

Pricing for Consumer Outreach:

$(\$200 / \text{session} / \text{hour}) + 18\%$ administration fee added to total