

MICROBIOLOGY



ISO = ISO/IEC 17025 Accredited DOE = WSDOE Accredited

| | Analyte | Method | Sample Size | Turnaround (Approx.) |
|--------------------|-------------------------------------|------------|------------------|----------------------|
| Food/Solids | | | | |
| ISO | Aerobic Plate Count (SPC, TPC, APC) | BAM/AOAC | 11 grams | 48 Hours |
| | Anaerobic Plate Count | BAM/AOAC | 11 grams | 72 Hours |
| ISO | Bacillus cereus | CMMEF | 11 grams | 48-72 Hours |
| | Bacillus coagulans | CMMEF | 11 grams | 72 Hours |
| ISO | Bacillus species | CMMEF | 11 grams | 48 Hours |
| | Bifidiobacterium | CMMEF | 11 grams | 72 Hours |
| | Burkholderia cepacia | USP | 11 grams | 72 Hours |
| | Clostridium species | BAM | 11 grams | 24 Hours |
| ISO | Clostridium sulfite reducing | CMMEF/USP | 11 grams | 48 hours |
| ISO | Coliform | USP | 11 grams | 48-96 Hours |
| ISO | Coliform, Total | MTF | 11 grams | 48-96 Hours |
| ISO | Coliform/E. coli | AOAC | 11 grams | 24 Hours |
| ISO | Coliform/Fecal/E. coli | MTF 9 tube | 11 grams | 48-96 Hours |
| ISO | Cronobacter skazakii | BAM | 100 grams | 48-96 Hours |
| ISO | E. coli | AOAC | 11 grams | 24 Hours |
| ISO | E. coli | MTF 9 tube | 11 grams | 48-72 Hours |
| ISO | E. coli | USP | 11 grams | 24-72 Hours |
| ISO | E. coli O157H7 | PCR | 25 g/375 g | 24 Hours |
| ISO | E. coli STEC | PCR | 25 g/325 g/375 g | 24 Hours |
| ISO | E. coli/Fecal | MTF 9 tube | 11 grams | 48-72 Hours |
| ISO | Enterobacteriaceae | MTF | 11 grams | 48-72 Hours |
| ISO | Enterobacteriaceae | BAM | 11 grams | 24 Hours |
| | Enterococcus/Streptococcus | CMMEF | 11 grams | 48 Hours |
| ISO | Fecal Coliform | MTF 9 tube | 11 grams | 48-72 Hours |
| | Klebsiella pneumoniae | CMMEF | 11 grams | 24 Hours |
| | Lactic Acid Bacteria | CMMEF | 11 grams | 72 Hours |
| | Lactobacillus | CMMEF | 11 grams | 72 Hours |
| | Listeria monocytogenes Enumeration | BAM | 25 g up to 750 g | 96 Hours |
| ISO | Listeria monocytogenes P/A | PCR | 25 g up to 750 g | 24 Hours |
| ISO | Listeria species P/A | PCR | 25 g up to 750 g | 24 Hours |
| | Mesophilic Plate Count | BAM | 11 grams | 48 hours |
| | Probiotic Count | CMMEF | 11 grams | 72 Hours |
| ISO | Pseudomonas aeruginosa | USP | 11 grams | 48 Hours |
| | Pseudomonas aeruginosa | CMMEF | 11 grams | 24 Hours |
| | Psychrophiles | CMMEF | 11 grams | 7 to 10 Days |
| ISO | Salmonella P/A | PCR | 25 g up to 750 g | 24 Hours |
| | Salmonella Enumeration | BAM | 25 g up to 750 g | 72-96 Hours |

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| ISO | Salmonella P/A | USP | 11 grams | 72 Hours |
| ISO | Shigella | BAM | 25 grams | 72-96 Hours |
| ISO | Staphylococcus aureus | AOAC | 11 grams | 48-72 Hours |
| | Thermophiles | AOAC | 11 grams | 72-96 Hours |
| ISO | Vibrio | BAM | 25 grams | 72-96 Hours |
| ISO | Yeast & Mold | BAM | 11 grams | 48 Hours |
| ISO | Yeast & Mold | AOAC | 11 grams | 5 Days |
| USP Panels | | | | |
| ISO | USP 2021/2022: TAMC, Yeast and Mold, E. coli, Salmonella, Staph aureus, Enterobacterial | USP | 50 grams/50mL | 5 Days |
| ISO | USP 2021/2022c: TAMC, Yeast/Mold, Coliform/E. coli, Staph aureus, Salmonella | USP | 50 grams/50mL | 5 Days |
| ISO | USP 2021/22p: TAMC, Yeast and Mold, E. coli, Salmonella, Staph aureus, Enterobacterial, P. aeruginosa | USP | 50 grams/50mL | 5 Days |
| ISO | USP 2021/22 EBAM: TAMC, Yeast and Mold, E. coli, Salmonella, Staph aureus, Enterobacterial enumeration | USP | 50 grams/50mL | 5 Days |
| ISO | USP 2021: TAMC, Yeast and Mold | USP | 50 grams/50mL | 5 Days |
| ISO | USP 2022: Salmonella, Staph aureus, and E. coli | USP | 50 grams/50mL | 48-72 Hours |
| ISO | USP 61/62: TAMC, Yeast and Mold, E. coli, Salmonella, Staph aureus, Enterobacterial | USP | 50 grams/50mL | 5 Days |
| ISO | USP Yeast and Mold Rush add-on Replaces 5 day yeast/mold | USP | Add-on to USP methods | 48 hours |
| | USP Sterility | USP | Varies | 14 Days |
| | USP Preparatory Test | USP | 300 grams | 14 days |
| | USP Antimicrobial Efficacy Test | USP | 300 grams | 40 days |
| Swabs | | | | |
| ISO | Aerobic Plate Count (SPC, TPC) | BAM | 1 swab | 48 Hours |
| ISO | Coliform/E. coli | AOAC | 1 swab | 24 Hours |
| ISO | E. coli O157H7 | PCR | 1 swab | 24 Hours |
| ISO | E. coli STEC | PCR | 1 swab | 24 Hours |
| ISO | Enterobacteria | BAM | 1 swab | 24 Hours |
| ISO | Listeria species or monocytogenes | PCR | 1 swab | 24 Hours |
| ISO | Salmonella | PCR | 1 swab | 24 Hours |
| ISO | Staphylococcus Aureus | BAM | 1 swab | 48-72 Hours |
| ISO | Yeast & Mold (48 hour) | BAM | 1 swab | 48 Hours |
| ISO | Yeast & Mold (5 day) | BAM | 1 swab | 5 Days |