



2024 COMMERCIAL PRICE LIST

CREM Co Labs. Services Pricing Effective Aug 30, 2024

Key tests include* (but are not limited to) the following:

FOOD MICROBIOLOGY

- Pathogen Testing
 - *Salmonella*
 - *Listeria*
 - *E. coli* O157:H7
 - *Campylobacter*
 - *Clostridium*
 - *Staphylococcus aureus*
 - *Bacillus cereus*
 - *Cryptosporidium*
 - *Cyclospora*
 - Additional tests available
- Indicator Organism Testing
 - APC (Aerobic Plate Count)
 - YM (Yeast/Mold)
 - Total Coliform/*E. coli*
 - *Enterobacteriaceae*
 - *E.coli*
 - *Coliforms*
 - *Staphylococcus aureus*
 - *Aerobic Spore formers*
 - *Anaerobic spore formers*
 - *Mesophilic and thermophilic Spore formers*
 - *Thermophilic Spore formers*
 - *Pseudomonas aeruginosa*
 - Additional tests available

WATER ANALYSIS

- Heterotrophic Plate Count (HPC) (Membrane Filtration)
- Total Coliform & *E. coli* (Membrane Filtration)
- Fecal Coliform (Membrane Filtration)
- Enterococci (Membrane Filtration)
- *Pseudomonas aeruginosa* (Membrane Filtration)
- *Escherichia coli* (Membrane Filtration)
- *YM (Yeast/Mold)* (Membrane Filtration)

AEROBIOLOGY

- Aerobiology tests

ANTIMICROBIAL EFFICACY TEST

- AOAC disinfectant towelette tests
- AOAC germicidal spray tests (GST)
- AOAC Use-Dilution Method (UDM)
- Quantitative carrier test
- Virucidal efficacy test
- Tuberculocidal activity of disinfectants
- Sporicidal efficacy test
- Residual disinfectant claims
- Disinfectant Effectiveness
- Hand Sanitizer Testing

SPECIAL PROJECTS AND DRUG SCREENING

- Environmental Auditing & Monitoring
- Drug screening and discovery using Zebrafish
- Toxicology Test using Zebrafish
- Time-kill Studies
- Antimicrobial drug screening
- Antibiotic resistance characterization
- UV- Kill studies
- MIC/MLS testing

SPECIFIC MOLECULAR TESTS

- PCR-DNA, RT-PCR
- Hepatitis A virus detection test
- Norovirus G1/G2 detection test
- Enterovirus
- COVID-19 (SARS-CoV-2)

HEALTHCARE-ASSOCIATED INFECTIONS (HAIS)

- CRE (Carbapenem-resistant *Enterobacteriaceae*) P/A Culture
- CRE (Carbapenem-resistant *Enterobacteriaceae*) Quantitative Culture
- *Staphylococcus aureus* P/A Culture
- *Staphylococcus aureus* Quantitative Culture
- *Streptococcus* P/A Culture
- *Streptococcus* Quantitative Culture
- *Listeria monocytogenes* P/A Culture
- *Listeria monocytogenes* Quantitative Culture
- *Salmonella* P/A Culture
- *Salmonella* Quantitative Culture
- *Campylobacter* P/A Culture
- *Campylobacter* Quantitative Culture
- *Enterococcus faecalis* P/A Culture
- *Enterococcus faecalis* Quantitative Culture
- *Klebsiella pneumoniae* P/A Culture
- *Klebsiella pneumoniae* Quantitative Culture
- *Pseudomonas aeruginosa* detection (P/A)
- *Enterobacteriaceae* detection (P/A)

Cosmetics and Personal Care Products Testing

- Validation/Suitability Test for USP <61> & <62> Package, Per Formulation
- Standard Panel (APC and Yeast & Mold) via USP <61>/FDA BAM
- Aerobic Plate Count via USP <61>/FDA BAM
- Yeast and Mold via USP <61>/FDA BAM
- *Staphylococcus aureus* via USP <62>/FDA BAM/USP <2022>
- *Pseudomonas aeruginosa* via USP <62>/FDA BAM
- *Escherichia coli* via USP <62>/FDA BAM/USP <2022>
- *Salmonella* spp. via USP <62>/FDA BAM/USP <2022>
- *Clostridium* spp. via USP <62>/FDA BAM/USP <2022>
- Antimicrobial Efficacy Test via USP <51>

Laboratory Methods using HPLC and LC-MS/MS

- Mycotoxins, Vitamins, Amino acids, caffeine, Drug levels

Food Microbiology

Parameter - Submit at least 50g or ml (2oz) sample per analyte request, Call for Price and turnaround times (TATs) Options. 24 and 72 hrs TAT options are available.	Code	Standard
Aerobic Plate Count - Petrifilm -MFHPB-33	ISO-MIC02	\$18.30
Aerobic Plate Count - Pour Plate – MFHPB-18, ISO 4833-1,2.	ISO-MIC03	\$18.30
Aerobic or Anaerobic Spore formers Count – MFLP44,	ISO-MIC63	\$55.00
Aerobic or Anaerobic Thermophilic Spore formers– ISO 27265	ISO-MIC63	\$65.00
Yeast & Mold - Petrifilm – MFHPB-32	ISO-MIC05	\$26.50
E. coli-enumeration- Petrifilm – MFHPB-34	ISO-MIC12	\$36.50
Total Coliform/ E.coli - Petrifilm – MFHPB-34	ISO-MIC12	\$24.95
E. coli detection (P/A) –ISO 16649-3	ISO-MIC65	\$55.00
E. coli O157:H7 Pathogen confirmation- Detection (P/A)– MFHPB-10, ISO 16654	ISO-MIC13	\$87.00
Coliform enumeration– Petrifilm -MFHPB-35	ISO-MIC08	\$36.50
Coliform detection (P/A)– MFHPB-19, ISO 4831	ISO-MIC09	\$55.00
Enterobacteriaceae enumeration - Petrifilm – MFLP-09	ISO-MIC30	\$36.50
Salmonella Pathogen confirmation- detection (P/A) – MFHPB-20, ISO 6579-1	ISO-MIC15	\$87.00
Clostridium perfringens Detection (P/A)- MFHPB-23, ISO15213-1,2,3	ISO-MIC34	\$87.00
Listeria - Environmental – Petrifilm - MFLP-11	ISO-MIC24	\$46.75
Listeria Enumeration -Food – MFLP-74, ISO 11290-2	ISO-MIC25	\$52.00
Listeria Species- level confirmation- Detection (P/A)-Food – MFHPB-30, ISO 11290-1,MFLP-01	ISO-MIC55	\$87.00
Shigella detection (P/A)- MFLP-25, ISO-21567	ISO-MIC56	\$105.00
Standard Panel (Includes Aerobic Plate Count, Yeast & Mold, Total Coliform/E. coli, Staphylococcus aureus) via Petrifilm	MIX codes	\$88.00
Staphylococcus aureus - Petrifilm – MFLP-21	ISO-MIC17	\$33.25
Staphylococcus aureus detection (P/A) – ISO 6888-3	ISO-MIC66	\$55.00
Bacillus cereus – MFLP-42, ISO 7932	ISO-MIC27	\$73.00
Campylobacter - MFLP-46, BS EN ISO 10272-2	ISO-MIC21	\$84.00
Pseudomonas aeruginosa - USP 62, ISO 16266	ISO-MIC57	\$55.00
Cyclospora cayetanensis – OPFLP-5	ISO-MIC67	\$100.00
Giardia duodenalis- APHA	ISO-MIC68	\$100.00
Protozoa & Parasite from food and water samples		\$100.00

BACTERIA -WATER ANALYSIS

48 hours to one week

Heterotrophic Plate Count - Membrane Filtration Technique	\$57.00
Total Coliform & E. coli (Membrane Filtration Technique)	\$57.00
Fecal Coliform (Membrane Filtration Technique)	\$57.00
Enterococci (Membrane Filtration Technique)	\$72.00
Escherichia coli (Membrane Filtration Technique)	\$57.00
Pseudomonas aeruginosa Detection (P/A method)	\$106.00
Pseudomonas aeruginosa (Membrane Filtration Technique)	\$106.00

Healthcare-Associated Infections (HAIs)

48 hours to one week

CRE (Carbapenem-resistant Enterobacteriaceae) P/A Culture	\$120.00
CRE (Carbapenem-resistant Enterobacteriaceae) Quantitative Culture	\$141.00
Staphylococcus aureus P/A Culture	\$148.00
Staphylococcus aureus Quantitative Culture	\$170.00
Streptococcus P/A Culture	\$170.00
Streptococcus Quantitative Culture	\$190.00
Listeria monocytogenes P/A Culture	\$185.00
Listeria monocytogenes Quantitative Culture	\$205.00
Salmonella P/A Culture	\$185.00
Salmonella Quantitative Culture	\$205.00
Campylobacter P/A Culture	\$233.00
Campylobacter Quantitative Culture	\$254.00
Clostridioides difficile P/A Culture	\$198.00
Clostridioides difficile Quantitative Culture	\$240.00
Enterococcus faecalis P/A Culture	\$148.00
Enterococcus faecalis Quantitative Culture	\$170.00
Klebsiella pneumoniae P/A Culture	\$148.00
Klebsiella pneumoniae Quantitative Culture	\$170.00
Enterobacteriaceae detection (P/A)	\$72.00
Pseudomonas aeruginosa detection (P/A)	\$106.00

Cosmetics and Personal Care Products Testing

Test	3 days	1Wk	2 Wk	4Wk
Validation/Suitability Test for USP <61> & <62> Package, Per Formulation	N/A	\$978.00	N/A	N/A
Standard Panel (APC and Yeast & Mold) via USP <61>/FDA BAM	N/A	\$123.00	\$83.00	N/A
Aerobic Plate Count via USP <61>/FDA BAM	\$49.00	N/A	N/A	N/A
Yeast and Mold via USP <61>/FDA BAM	N/A	\$83.00	\$49.00	N/A
Staphylococcus aureus via USP <62>/FDA BAM/USP <2022>	\$101.00	\$70.00	N/A	N/A
Pseudomonas aeruginosa via USP <62>/FDA BAM	\$101.00	\$70.00	N/A	N/A
Escherichia coli via USP <62>/FDA BAM/USP <2022>	\$101.00	\$70.00	N/A	N/A
Salmonella spp. via USP <62>/FDA BAM/USP <2022>	\$101.00	\$70.00	N/A	N/A
Clostridium spp. via USP <62>/FDA BAM/ USP <2022>	N/A	\$104.00	N/A	N/A
Antimicrobial Efficacy Test via USP <51>	N/A	N/A	Call	Call

Microbiology Special Projects

Microbiology Special Projects - Call for Price and turnaround times (TATs) Options

Aerobiology

Environmental Auditing & Monitoring

Drug screening and discovery using Zebrafish

Toxicology Test using Zebrafish

Time-kill Studies

Antimicrobial drug screening

Antibiotic resistance characterization

UV- Kill studies

MIC/MLS testing

Antimicrobial Efficacy Tests

Specific Microbiological Molecular Tests

Specific Microbiological Molecular Tests*	Code	Same day	1 day	3 days	1Wk	2 Wk
Norovirus G1/G2 OPFLP-010, ISO 15216-2 (Food/Water samples)	ISO-MIC37	N/A	N/A	N/A	\$603.00	\$403.00
Norovirus G1/G2 OPFLP-010, ISO 15216-2 (Swab)	ISO-MIC37	Call	Call	\$276.00	\$222.00	\$205.00
Hepatitis A virus OPFLP-007, ISO 15216-2 (Food/ Water samples)	ISO-MIC38	N/A	N/A	N/A	\$603.00	\$403.00
Hepatitis A virus OPFLP-007, ISO 15216-2 (Swab)	ISO-MIC38	Call	Call	\$276.00	\$222.00	\$205.00
Enterovirus EPA- 1615 (Food/Water samples)	ISO-MIC39	N/A	N/A	N/A	\$603.00	\$403.00
Enterovirus EPA- 1615 (Swab)	ISO-MIC39	Call	Call	\$276.00	\$222.00	\$205.00
Tomato Brown Rugose Virus EPPO-PM 7/146#1	ISO-MIC40	N/A	N/A	N/A	\$603.00	\$403.00
COVID-19 (SARS-CoV-2) by qPCR (Swab/Air)		Call	Call	\$276.00	\$222.00	N/A
COVID-19 (SARS-CoV-2) by qPCR (Wastewater)		N/A	N/A	\$873.00	\$603.00	\$403.00

• Open to working with customers to set up and develop Special Projects for Microbiological Molecular Tests based on customer's needs - Call for Price and turnaround times (TATs) Options.

Laboratory Methods using HPLC and LC-MS/MS

Laboratory Methods using HPLC and LC-MS/MS: Call for Price and turnaround times (TATs) Options

Assay of Ibuprofen by HPLC

Assay of Caffeine by LC (HPLC)-MS/MS

Assay and Identification of Diphenhydramine HCl by HPLC

Assay of Acetaminophen by HPLC

Assay and Identification of Oxybenzone, Avobenzone, Octisalate, Homosalate and Octocrylene by HPLC

Assay and Identification of Avobenzone and Octocrylene by HPLC

Assay of Sunscreens by HPLC

Assay of Preservatives by HPLC

Assay and Identification of Benzoyl Peroxide by HPLC

Related Substances of Benzoyl Peroxide by HPLC

Determination of Triclosan by HPLC

Assay of Salicylic Acid by HPLC

Assay & Identification of Sunscreens by HPLC

Assay of β -carotene by HPLC

Assay and Identification of Colloidal Oatmeal by HPLC

Assay of Preservatives by HPLC and by LC(HPLC)-MS/MS

Assay of Water-soluble vitamins by LCMS/MS

Assay of Water-soluble vitamins by LCMS/MS (Micro amounts)

Assay Inositol by LCMS/MS

Assay of Oils Soluble vitamins by LCMS/MS

Assay of Amino Acids by LCMS/MS

Determination of Chloramphenicol by LC(HPLC)-MS/MS

Determination of Quaternium by LC(HPLC)-MS/MS

Determination of Levomefolic Acid by LC(HPLC)-MS/MS

Determination of Ginkgo Terpene Lactones by LC(HPLC)-MS/MS

Determination of Stevioside by LC(HPLC)-MS/MS

Determination of 1- Deoxy nojirimycin by LC(HPLC)-MS/MS

Determination of Mannose by LC(HPLC)-MS/MS

Determination of Dichloroacetic Acid by LC(HPLC)-MS/MS

Assay and Identification of Amino Acids by HPLC

Assay and Identification of Amino Acids by LC(HPLC)-MS/MS

Assay and Identification of Benzophenone-3 (Oxybenzone), Parsol MCX (Octinoxate)
Octylsalicylate (Octisalate) by HPLC
Assay of Sulfur by HPLC
Phenoxyethanol Assay by HPLC

Mycotoxins (minimum \$250 charge for all mycotoxin projects)

Individual Mycotoxin Analysis by LC-MS (Detection limit ppb/ppt)	1 Wk	2 Wk
Ochratoxin A by LC-MS	\$234.00	\$202.00
Zearalenone by LC-MS	\$227.00	\$187.00
Aflatoxin B1,B2,G1,G2 by LC-MS	\$242.00	\$210.00
Sterigmatocystin by LC-MS	\$242.00	\$202.00