

Analytical Service Code

Microbial Identification by Culture Methods

Lab Codes	Description	Sample Types
FC100	Fungal Culture Method: Fungal identification and enumeration. Includes genus ID and <i>Aspergillus</i> to species level.	Air: various air samplers.
FC101	Fungal Culture Method: Fungal identification and enumeration. Identification to species level (2% malt extract agar only).	Air: various air samplers.
FC102	Fungal Culture Method: Fungal identification and enumeration. Genus ID only.	Air: various air samplers.
FC105.1	Fungal Culture Method: Culturable fungal identification and enumeration. Includes genus ID and <i>Aspergillus</i> to species level. (one fungal medium is used)	Bulk, Wipe, Dust, Swab, water
FC105.2	Fungal Culture Method: Culturable fungal identification, enumeration. Includes genus and <i>Aspergillus</i> to species level. Please select for two fungal media or two-incubation temperatures (25°C and 35°C).	Bulk, Wipe, Dust, Swab, water
FC105.3	Fungal Culture Method: Culturable fungal identification, enumeration. Includes genus and <i>Aspergillus</i> species ID. Three media used.	Bulk, Wipe, Dust, Swab, water
FC106	Fungal Culture Method: Species ID Culturable fungal identification, enumeration. ID to species level (2%MEA used to recover from the sample).	Bulk, Wipe, Dust, Swab, water
FC106.2	Fungal Culture Method: Species ID Culturable fungal identification, enumeration. ID to species level (two selected fungal media used to recover from the sample).	Bulk, Wipe, Dust, Swab, water
FC106.3	Fungal Culture Method: Species ID Culturable fungal identification, enumeration. ID to species level (three selected fungal media used to recover from the sample).	Bulk, Wipe, Dust, Swab, water
FC108	Fungal Identification of breast implants Using culture methods to isolate and identify fungi from breast implants.	Breast Implants
LC200	Legionella Culture Method/CDC method: CDC Culture method for identification and enumeration of Legionella bacteria.	Swab, wipe, water
BC201	Bacterial Culture Method: (Buy plate from us) Culturable bacteria, Gram (+)/(-) identification and enumeration (one bacterial medium only, TSA only)	Bulk, Wipe, Dust, Swab, water
BC201.1	Bacterial Culture Method: (Sample needs processing) Culturable bacteria, Gram (+)/(-) identification and enumeration (one bacterial medium only, TSA only)	Bulk, Wipe, Dust, Swab, water

Microbial Identification by Direct Microscopic Examination

Lab Codes	Description	Sample Types
FS110	Non-Culture method/Spore trap (100% reading): Total fungal spore counts with 100% reading	Air: Air-O-Cell, Burkhard, Micro-5, Allergenco, Cyclax-D, and others
FS111	Non-Culture method/Spore trap (25% reading): Total fungal spore counts with 25% reading	Air: Air-O-Cell, Burkhard, Micro-5, Allergenco, Cyclax-D, and others
FD112	Non-Culture Method/Direct Microscopic Examination: fungal identification.	Bulk, Swab, Tape, Wipe
FD113	Dust Characterization, optical microscopy: Fibers and dust particles are identified and quantified.	Bulk, Dust
PC111	Pollen Counts: Total pollen counts	Air: Burkard, Allergenco, Air-O-Cell, filter cassettes

Standard Methods for the Examination of Water & Wastwater Microbiology

Lab Codes	Description	Sample Types
SM9222B	Membrane Filter Procedure: Standard Total Coliform Membrane Filter Procedure	Water
SM9222D	Membrane Filter Procedure: Fecal Coliform, Membrane Filter Procedure	Water
SM9223B	Colilert – Enzyme Substrate Test: Total Coliform / E. Coli presence/absence test	Water

Microbiological Analyses of contaminated medical devices

Lab Codes	Description	Sample Types
FC108	FC108 – Fungal Identification of contaminated breast implants by culture methods Using culture methods to isolate and identify fungi from breast implants.	Breast Implants
FD114	FD114 – Non-Culturable Direct Microscopic Examination of Breast Implants:	Medical devices, Breast Implants

Microbiological Analyses of Pharmaceutical Products by current USP-NF publications.

Lab Codes	Description	Sample Types
USP61PT	USP61 – Microbial Limits: Preparatory Testing Full Preparatory Testing Components: <ul style="list-style-type: none"> • Aerobic bacteria plate count validation. • Yeast and Mold plate count validation. • <i>Escherichia Coli</i> screen validation. • <i>Salmonella</i> screen validation. • <i>Staphylococcus aureus</i> screen validation. • <i>Pseudomonas aeruginosa</i> screen validation. Preparatory Testing should be included when performing an initial analysis on a new product, revised formulation, or when analysis is performed in an environment other than where initial testing was performed.	Raw materials, API, Finished Products.
USP61ST	USP61 – Microbial Limits: Screening Tests for Aerobic plate count, Yeast and Mold, <i>Escherichia Coli</i>, <i>Salmonella</i>, <i>Staphylococcus aureus</i>, <i>Pseudomonas aeruginosa</i>. It is the client's responsibility to have on file current preparatory test data indicating that, under test conditions, the product does not inhibit the growth of microorganisms that may be present.	Raw materials, API, Finished Products.
USPID.X	USP61 – Microbial Limits: Diagnostics test on indicator or suspect organisms. Fees are per isolate. <i>Aspergillus niger</i> , <i>Candida albicans</i> , <i>Escherichia Coli</i> , <i>Salmonella</i> , <i>Staphylococcus aureus</i> , <i>Pseudomonas aeruginosa</i> . USPID.X: "X" denotes the number(s) of indicators selected. USPID.6 indicates six indicators selected for testing. The price will be multiplied by 6.	Raw materials, API, Finished Products.

QPCR

Lab Codes	Description	Sample Types
PCR01.36	ERMISM panel: Detection of 36 fungal species. This panel, developed by USEPA , includes a total of 36 fungal species/clusters that are broad enough to help address the mold problems of water-damaged indoor environments and to help assess the risk of mold exposure. MSQPCR analysis of the dust using these indicators creates an index that helps determine the relative moldiness of the indoor environments and facilitate the further remediation process.	Air, Dust, Fluid, Wipe, Bulk
PCR02.23	Comprehensive Nosocomial panel: This panel covers important indicators of fungal contamination and potential pathogenic fungal species that can be of concerns if the indoor environments of hospitals/health facilities are contaminated. This comprehensive panel is the first choice for hospitals and health care facilities in order to proactively monitor the air quality of the indoor environment.	Air, Dust, Fluid, Wipe, Bulk
PCR03.15	Cost-Effective Nosocomial panel: This is an alternative cost-effective panel to address the concerns raised in the contaminated indoor environments of hospital and health care facility.	Air, Dust, Fluid, Wipe, Bulk
PCR04.15	QPCR/Budget 15 mold panel: Top 15 important indoor indicators of fungal contamination.	Air, Dust, Fluid, Wipe, Bulk
PCR05.8	QPCR/Signature fungal Panel: The 8 signature fungi associated with a water-damaged environment.	Air, Dust, Fluid, Wipe, Bulk
PCR06.13	ARMI Panel: This is an alternative and cost-effective panel for evaluating the moldiness of the water-damaged indoor environments, called American Relative Moldiness Index (ARMI). Only 13 fungal species/clusters are selected to create an index.	Dust
PCR07.15	Asp/Pen panel: The most common <i>Aspergillus</i> and <i>Penicillium</i> species found in indoor environments.	Air, Dust, Fluid, Wipe, Bulk
PCR08.15	Aspergillus/Chaetomium/Stachybotrys panel: This panel includes the top common 13 <i>Aspergillus</i> species plus <i>Chaetomium globosum</i> and <i>Stachybotrys chartarum</i> .	Air, Dust, Fluid, Wipe, Bulk
PCR09.15	Top 15 Penicillium panel: Top 15 <i>Penicillium</i> species commonly found in an indoor environment.	Air, Dust, Fluid, Wipe, Bulk
PCR10.5	HERTSMI Panel: (Kit not included!) Detection of <i>Asp. Penicilloids</i> , <i>Asp versicolor</i> , <i>Chaetomium globosum</i> , <i>Stachybotrys chartarum</i> , and <i>Wallemia sebi</i> .	Air, Dust, Fluid, Wipe, Bulk
PCR10.X	MSQPCR/Customized panel: Quantitative PCR Analyses for a single specific fungus or a combination of your choice from our available fungal list. PCR10.X, "X" denotes the number(s) of species selected. PCR10.3 indicates there are 3 customized species selected. The price for this customized panel is \$75 for sample processing plus \$15 for each species. i.e. The cost for the combination of 3 fungal species for a sample is: \$75+ \$45 (\$15/spx3sp) = \$120	Air, Dust, Fluid, Wipe, Bulk
PCR20.1	QPCR/Legionella pneumophila: Quantitative PCR for detection, identification and quantification of <i>Legionella pneumophila</i> .	Air, Swab, wipe, potable and non- potable water
PCR21.3	PCR/Legionella: Qualitative PCR for 3 <i>Legionella</i> species: <i>Legionella pneumophila</i> , <i>L. micadadei</i> , <i>L. maceachernii</i> .	Air, Swab, wipe, potable and non- potable water
PCR30	PCR/Fecal Coliforms: Qualitative PCR for detection, identification of Fecal Coliforms.	Air, Swab, Potable and non-potable water
PCR31	QPCR/Fecal Coliforms: Quantitative PCR for detection, identification and quantification of Fecal Coliforms.	Air, Swab, Potable and non-potable water



Supplies

Lab Codes	Description	Unit	Sample Type
Air-O-Cells	Air-O-Cell Air Sampling Cassettes, 50/bx (Zefon Cat#AOC050)	Cassette	Air
PCR-Cassettes	PCR sampling filter cassettes, PC (Polycarbonate), 37mm, 3-pc, 0.45 µm, 50/box.	Cassette	Air, Dust
EF-Cassettes	Endotoxin Free PC (polycarbonate) Filter Cassettes, 37 mm 3-pc, 0.45 µm, sterile, 10/box.	Cassette	Air, Dust
Swabs	Mold Check Swabs 50/bag.	Bag	Wipe

Other Services

Lab Codes	Description	Unit
PS001	Professional Services: Regular Consultation Ph. D. Microbiologist/or Mycologist, Regular Consultation.	Hourly
PS002	Professional Services: Legal Support Ph. D. Microbiologist/or Mycologist, Legal Support.	Hourly
PS003	Professional Services: Traveling time Traveling time occurred during professional services.	Hourly
PS004	Professional Services: Traveling expenses Traveling expenses occurred during professional services.	Receipt

For **Expedited Service**, please add:

- **200%** for Weekend/Holiday (Please notify us in advance so we can make proper arrangements.),
- **100%** for Same Day rush TAT,
- **50%** for 24 hours TAT and
- **25%** for 48 hours TAT.

Please note that not all tests can be rushed.

For more information, please contact Mycometrics by phone at 732-355-9018 or email at quest@mycometrics.com