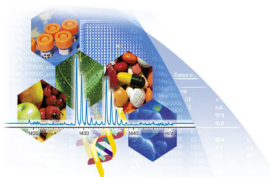


Validation Laboratories Inc.



Contact Information:

Tel: 866-539-1536

Fax 717-427-1727

Email: testing@validationinc.com

admin@validationinc.com

www.validationinc.com

8018 E Santa Ana Canyon Rd

Suite 100-150

Anaheim Hills, Ca 92808

Price List

Prices are Subject to Change

Analytical, Microbiology, Bioanalytical, and Mass Spectrometry Services

Services	Estimated Price
Analytical Method Development and Validation Assay Drug Substance Drug product Chorm. Purity Drug Substance Drug product Dissolution Content uniformity Stability Indicating	Price depends on the nature of the compounds, analytes, and products, It also depends on the extent of method development and validation.
QC and USP Testing	Compound Dependent
Impurity Identification	Compound Dependent
Bioanalytical Method Development and Validation	Price depends on the nature of the compounds, analytes, and products, It also depends on the extent of method development and validation.
Direct Infusion Mass Spectrometry Per sample	\$ 150
Direct Infusion Tandem Mass Spectrometry (MS/MS) Per sample	\$250
Direct Infusion Mass Spectrometry, High Resolution (HRMS) Per sample	\$1500
Direct Infusion Tandem Mass Spectrometry, High Resolution (HRMS/MS) Per sample	\$1750
High Resolution LC/MS, (not including method development)	\$2250
High Resolution LC/MS/MS	\$2550
High Resolution GC/MS	\$2250
High Resolution GC/MS/MS	\$2550
Peptide Mapping	\$550
Protein Mapping	Compound Dependent
Structural Elucidation	
Stability Testing	Compound Dependent and period for stability and interval and number of analysis

Microbiology	1-5 Samples	6-10 Samples	>10 Samples
Aerobic Plate Count – Total bacteria	\$ 55	\$ 50	\$45
Yeast and Mold Count	\$ 35	\$ 30	\$25
Coliforms – Total (MPN)	\$ 50	\$ 40	\$35
Coliforms – Fecal (MPN)	\$ 50	\$ 40	\$35
<i>E. coli</i>	\$40	\$ 35	\$30
<i>E. coli</i> O157:H7	\$ 65	\$ 60	\$55
<i>Listeria monocytogenes</i>	\$ 75	\$ 67	\$60
<i>Salmonella sp.</i>	\$ 65	\$ 60	\$55
<i>Shigella</i>	\$ 65	\$ 60	\$55
<i>Clostridium perfringens</i>	\$ 65	\$ 60	\$55
<i>Staphylococcus aureus</i>	\$ 60	\$ 55	\$50
<i>Lactobacillus</i>	\$ 75	\$ 70	\$65
*General Food Pathogen Screen	\$175	\$150	\$125

*(includes *S. aureus*, *Salmonella*, *E. coli*, and total bacteria, yeast and mold count)

Microbiology Testing

Total Anaerobic Bioburden	\$65.00
Growth Promotion Test of Media - for each organism	\$65.00
Total Aerobic Bioburden Device	\$65.00
Population Verification -3 spore strips	\$150.00
Bacteriostasis/Fungistasis Test per organism	\$65.00
Microbial Limits Test	\$650 for validation \$120.00 for routine per dilution

Water Microbiology	1-5 Samples	6-10 Samples	>10 Samples
Heterotrophic Plate Count	\$55	\$50	\$35
Total Aerobic Viable Count in Low Count or Treated Process Water (membrane filtration)	\$55	\$50	\$35
<i>Pseudomonas aeruginosa</i> (membrane filtration)	\$55	\$50	\$35
Total Coliform (MPN)	\$ 60	\$55	\$45
Fecal Coliform (MPN)	\$ 60	\$55	\$45
Total Coliform (membrane filtration)	\$55	\$50	\$35
Fecal Coliform (membrane filtration)	\$55	\$50	\$35
Fecal Streptococci (membrane filtration)	\$ 60	\$55	\$45
Bacterial Identification via RiboPrinter	\$350	\$340	\$300
Total Algae Count by Microscopic Evaluation or Culture	\$ 150	\$140	\$130

Air Sampling	
Sampling Time, On-Site, Door-to-Door, Local (90 mile radius from Corona Ca)	\$65/hour (50% surcharge for weekends/holidays)
Sampling Time, On-Site, Door-to-Door, Long distance (>90 mile radius from Corona Ca)	\$85/hour (50% surcharge for weekends/holidays)
Bacterial Count (Colony Forming Units/Cubic Meter)	\$70/sample
Fungal Count (Colony Forming Units/Cubic Meter)	\$70/sample
Identification of Bacteria	\$175/1–2 organisms
	\$250/3-4 organisms
	\$300/>4 organisms
Identification of Fungi (yeast & mold)	\$175/1–2 organisms
	\$250/3-4 organisms
	\$300/>4 organisms

General Microbiological Analyses			
Identification of Bacteria – Liquid Sample	\$300/1–2 organisms		
	\$250/3-4 organisms		
	\$300/>4 organisms		
Identification of Fungi – Liquid Sample	\$175/1–2 organisms		
	\$250/3-4 organisms		
	\$300/>4 organisms		
Microscopic Examination of Unknown Substances	\$200minimum		
Minimal Inhibitory Concentration (MIC): Test Compound At Three Dose Levels, One Organism	\$250	\$50/each additional dose	
Aerobic Plate Count	\$65/1–5 samples	\$60/6–10 samples	\$55/>10 samples
Anaerobic Plate Count	\$65/1–5 samples	\$55/6–10 samples	\$50/>10 samples
Fungal Plate Count	\$55/1–5 samples	\$60/6–10 samples	\$55/>10 samples
Acid-Fast Stain for Identification of <i>Mycobacterium</i>	\$165/1-5 samples	\$155/6–10 samples	\$150/>10 samples
<i>Mycobacterium</i> Culture and Enumeration	\$110/1-5 samples	\$95/6–10 samples	\$85/>10 samples
Acid-Fast Stain for Identification of <i>Mycobacterium + Mycobacterium</i> Culture and Enumeration	\$160/1-5 samples	\$140/6–10 samples	\$125/>10 samples
Minimum Biocide Concentration (MBC) for <i>Mycobacterium</i> : Three Time Points, One Organism	\$1,530		
Nitrifying Bacteria Count	\$70/1-5 samples	\$60/6–10 samples	\$50/>10 samples
Endotoxin Evaluation	\$125/1-5 samples		\$100/>5 samples

Miscellaneous	1–5 Samples	6–10 Samples	>10 Samples
Biocide Level	\$105	\$85	\$75

Biocide Level – Manual Methods	\$125	\$100	\$85
pH			\$15
Digital Photos			\$15

ASTM and Other Standard Tests	Test No.	Price/Sample
Standard Specification for Cellulosic Fiber Loose-Fill Thermal Insulation-Fungi Resistance: ASTM C739	C739	\$475
Standard Test Method for Determining Fungi Resistance of Insulation Materials and Facings: ASTM C1338	C1338	\$450
Standard Test Methods for Mildew (Fungus) Resistance of Paper and Paperboard: ASTM D2020	D2020	\$375
Standard Test Method for Resistance of Emulsion Paints in the Container to Attack by Microorganisms: ASTM D2574	D2574	\$425
Standard Test Method for Resistance to Mold on the Surface of Interior Coatings in an Environmental Chamber: ASTM D3273	D3273	\$475
Standard Test Method for Evaluating the Bacteria Resistance of Water-Dilutable Metal Working Fluids: ASTM D3946	D3946	\$375
Standard Test Method for Ability of Adhesive Films to Support or Resist the Growth of Fungi: ASTM D4300	D4300	\$450
Standard Test Methods Resistance of Adhesive Preparations in Container to Attack by Bacteria, Yeast, and Fungi: ASTM D4783	D4783	\$625
Standard Test Method for Determining the Resistance of Paint Films and Related Coatings to Fungal Defacement by Accelerated Four-Week Agar Plate Assay: <i>Potato Dextrose or Malt Agar and Nutrient-Salts Agar</i> ASTM D5590	D5590	\$850
Standard Test Method for Preservatives in Water Containing Cosmetics: ASTM E640	E640	\$700
Standard Test Method for Efficacy of Microbicides Used in Cooling Systems (Includes Six Biocide Levels and Two Time Points): ASTM E645	E 645	\$925
Standard Method for Evaluation of Antimicrobial Agents in Aqueous Metal Working Fluids: ASTM E686	E686	\$825
Mycobacteria Challenge Test for Metal Working Fluids (15% disc. for 11+ samples)		\$1000
Standard Test Method for Evaluation of Antimicrobials in Liquid Fuels Boiling below 390°C: ASTM E1259	E1259	\$2,550
Standard Test Method for Determining Carcinogenic Potential of Virgin Base Oils in Metalworking Fluids: ASTM E 1687	E1687	\$750
Standard Test Method for Determining the Antimicrobial Activity of Immobilized Antimicrobial Agents Under Dynamic Contact Conditions: ASTM E 2149	E2149	\$400
Standard Test Method for Determining the Activity of Incorporated Antimicrobial Agents in Polymeric or Hydrophobic Materials: ASTM E2180	E2180	\$425
Standard Practice for Evaluating Water-Miscible Metalworking Fluid Bioresistance and Antimicrobial Pesticide Performance: ASTM E2275	E2275	Call for details
Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi: ASTM G21	G21	\$375
Standard Practice for Determining Algal Resistance of Plastic Films: ASTM G29	G29	\$525
Antibacterial Finishes on Textile Materials: Assessment of, AATCC 100	100	\$600 per sample or control

USP 51 Antimicrobial Effectiveness Testing	51	\$1,150
Antibacterial Activity Assessment of Textile Materials: Parallel Streak Method, AATCC 147	147	\$200
Antimicrobial Products-Test for Antimicrobial Activity and Efficacy, JIS Z 2801 (Japanese Industrial Standard)	Z 2801	\$450 per sample or control