

FOR MORE THAN

55

Years

FOOD LABORATORY TESTING 2025-2026



ACCREDITED TO:
ISO/IEC 17025:2017



Agilent Technologies
Center of Excellence

PURITYTM
Laboratories

www.puritylabsinc.com • 503.297.3636 • 17387 63rd Ave., Lake Oswego, OR 97035

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HIGH PERFORMANCE FOOD TESTING FOR MORE THAN 55 YEARS

For more than 55 years, Purity Laboratories' (Purity's) mission has been to serve the food industry with accurate and reliable laboratory testing.

In Service to Our Customers . . .



Purity's deep experience in meeting our customer's requirements for more than five decades has allowed us to develop expertise, beyond that of our competitors, to test a wide variety of food ingredients and products.

We particularly excel in the use of the most up-to-date testing equipment for food analyses, which has earned us the honor of being the first commercial center of excellence for Agilent Technologies, the leader in mass spectrometry testing equipment. We offer precise analyses and fast turn-around times with advanced equipment including LC-MS, ICP-MS, GC-MS, HPLC-UV and rapid microbiology testing instruments.

Purity has been an ISO/IEC 17025 accredited laboratory since 2014, demonstrating continuous proficiency in laboratory operations. We operate in a 19,000 ft., state-of-the-art laboratory facility equipped to perform high-performance and high-production food testing. Whether your food business is small or an international conglomerate, Purity can competently handle your testing requirements. *We are dedicated to it!*



Inside Purity Laboratory's 19,000 sq. ft. state-of-the-art facilities.

A female scientist with dark hair and glasses, wearing a white lab coat and white gloves, is holding a test tube with blue liquid. She is looking at the test tube with a focused expression. The background is a blurred laboratory setting with various glassware and equipment.

PURITY™
Laboratories

QUALITY
GUARANTEED



Purity maintains accreditation to ISO/IEC 17025:2017, the internationally recognized gold standard for testing and calibration in the environmental laboratory industry. Accreditation requires ongoing, rigorous evaluation of both our quality management system and our technical competence to perform tests within our accredited scope. Each year, Purity undergoes detailed external audits by qualified assessors to ensure continued compliance and to demonstrate measurable improvement in quality practices.

In addition, Purity adheres to the specialized standards established by the Association of Official Analytical Chemists (AOAC) Analytical Laboratory Accreditation Criteria Committee (ALACC). The ALACC Guidelines for Laboratories Performing Microbiological and Chemical Analyses of Food, Dietary Supplements, and Pharmaceuticals provide enhanced requirements for laboratory operations, strengthening the accuracy, reliability, and consistency of our testing programs.



YOUR RESOURCE FOR QUALITY



Let us be your resource to help you learn how to properly test your products, not only comply to government regulations, but also to expand your markets and increase your revenue and profits. Great food products are great for people but also great for business.

Purity is continually working to raise the bar for the industries we service with innovative ideas to improve product quality. For example, in 2011, we introduced our Purity Tested™ protocol, which completely elevated testing offered for toxicity in the food and dietary supplement industries. As a "Center of Excellence" for Agilent Technologies, we are in constant research and development to expand and improve the testing capabilities that we can offer to our customers.



HEAVY METALS



Heavy metals such as arsenic, cadmium and lead are present in most foods, whether conventional or organic, usually as the result of environmental contaminants.

Because heavy metals pose significant threats even at low levels, the Food and Drug Administration has made reducing cumulative exposure a priority.

Purity 's precise metal testing enables retailers, food manufacturers, ingredient suppliers and others to identify heavy metals at levels in the low parts per billion (ppb).



PURITY LABS' ICP-MS SYSTEMS OFFERS ADVANCED METAL DETECTION

Purity Laboratories offers our customers the newest technologies for detecting and analyzing metals with its ICP-MS systems.

ARSENIC
TUNGSTEN
NICKEL
BERYLLIUM
ANTIMONY
PLATINUM
CADMIUM
CESIUM
ALUMINUM

LEAD
BARIUM
TIN
COPPER
URANIUM
THORIUM
MERCURY
THALLIUM



Metals are best tested by inductively coupled plasma mass spectrometry, or ICP-MS. Purity Laboratories' ICP-MS systems offer accurate and precise measurements of metal ions in simple or complex matrixes at micro or macro concentrations.

Our heavy metals test menu includes more than 30 metals including metals most commonly found in foods, dietary supplements and the environment. Our 4-Metals Panel, complies with Food and Drug Administration (FDA) guidelines and is accredited to ISO/IEC 17025:2017. We also offer 5-Metals, 8-RCRA Metals, 9-USP Metals and Purity's proprietary 24-Metals panels.

Our newest ICP-MS equipment adds MS/MS operation, providing precise control of reaction cell processes to ensure the most consistent and accurate results, resolving interferences that are beyond the capability of quadrupole and sector-field high resolution ICP-MS.

The ICP-MS is the superior technology for metal analysis for a number of reasons including:

- offers detection limits far superior to atomic absorption, with much improved productivity;
- handles complex matrices with minimal interferences;
- offers detection limits far superior to ICP-OES, usually 1000 times more sensitive than other measurement equipment.

ICP-MS offers laboratories opportunities to achieve higher productivity at lower detection levels than any other metal ion methodology, with detection limits at or below the parts per billion range.

Since the ICP-MS is computer controlled, the system can operate 24 hours per day, 7 days per week, and analyze 300 samples per 24-hour period. No other technology can offer this high productivity at adequately low detection limits. This all translates into improved response and more accurate results for our customers.

NOW
ISO/IEC
17025:2017
Accredited

Special Offer!

10% OFF
Our 4-Metals Panel

now  **ACCREDITED TO:**
ISO/IEC 17025:2017

Includes tests for: Lead, Mercury, Arsenic, Cadmium

Use CODE: **4METALS** to redeem offer. One offer per customer.

METAL

PURITYTM
Laboratories

Accurate • Fast • Reliable

- 5-7 DAY TAT
- More Than 55 Years In Service
- Tested on ICP-MS
- The Leader in Purity Testing

www.puritylabsinc.com • Telephone: 503.297.3636 • Email: dkhumphrey@gmail.com • Lake Oswego, OR

PESTICIDES



Testing foods for pesticides and other unwanted chemicals is important to ensure the safety of our food supply.

Approximately 80,000 pesticides and chemicals are registered for sale in the U.S. Many of these are potentially harmful to human health. The only way to detect contaminants in your products, which could lead to discipline from government agencies or costly litigation, is to laboratory test them.

Purity has specialized in toxicity testing with its proprietary Purity Tested™ protocols. Developed in 2011, these protocols intend to advance the industry standards for detecting contaminants in food, dietary supplements and hemp products.

Pesticide Testing



TOXIC COMPOUNDS TESTING OF FOOD

There is a growing need for pesticide testing in the food industry. Purity Laboratories offers laboratory testing for 120 pesticides and toxic chemicals selected for their potential to harm human health. Tests are conducted with Liquid Chromotography Mass Spectrometry (LC-MS) equipment for precise and accurate test results.

The American Academy of Pediatrics points to food as the primary source of children's exposure to pesticides. Pesticides are widely used in food production to control pests such as insects, rodents, weeds, bacteria, mold and fungus. Even organic farmers can use approved pesticides listed in the National List of Allowed and Prohibited Substances and pesticides and chemicals sanctioned for use by state regulators which vary from state to state.

The worldwide use of pesticides in food and supplement production has been a cause of increasing concern amongst retailers, regulators and end users. Consumers are looking for the assurance that the foods they eat and supplements they take are safe and free of unwanted contaminants.

The chemical diversity of pesticides presents a considerable challenge to food safety chemists, who require a range of analytical techniques to extract them from food samples, and then accurately and efficiently determine their identity and concentration at trace levels.

PESTICIDE TESTING AT PURITY LABS

Purity Laboratories has conducted laboratory testing for pesticides in food, pharmaceutical and nutraceutical products since 2011. Testing is performed on state-of-the-art gas chromatography-mass spectrometry (GC-MS) and liquid chromatography-mass spectrometry (LC-MS) equipment.

Liquid Chromatography Mass Spectrometry (LC-MS)

LC-MS allows for the detection and quantification of pesticides in complex samples. LC-MS is a powerful analytical technique that combines two different methods: Liquid chromatography (LC) and mass spectrometry (MS).

LC-MS can be used to detect and quantify a wide range of pesticides, including insecticides, herbicides, and fungicides. It can also be used to analyze multiple pesticides in a single sample, allowing for high-throughput analysis and increased efficiency.

Liquid chromatography is a separation technique that separates components in a mixture based on their chemical properties, such as polarity and size.

Mass spectrometry is a technique that analyzes the mass and structure of molecules based on their ionization and fragmentation patterns.

To test pesticides using LC-MS, the first step is to prepare the sample. This can involve extracting the pesticide from the sample matrix, such as soil or plant material, and purifying the extract, which is then injected into the LC-MS system for analysis.



In the LC step, the pesticide molecules are separated from other components in the sample based on their chemical properties. This is achieved by passing the sample through a column filled with a stationary phase, which interacts differently with each component in the sample. The components are then eluted from the column at different times, allowing for their separation.

In the MS step, the separated pesticide molecules are ionized and fragmented, producing a unique mass spectrum that can be used to identify the pesticide, which is compared to a database of known pesticides to identify the pesticide and quantify its concentration.

Gas Chromatography Mass Spectrometry (GC-MS)

GC-MS is a widely used analytical technique for the detection and quantification of pesticides in various matrices. GC-MS is a two-step process where the sample is first separated into its individual components using gas chromatography (GC) and then analyzed using mass spectrometry (MS). This technique is highly sensitive and specific, allowing for the detection of low levels of pesticides in complex mixtures.

One of the major advantages of GC-MS is its ability to detect very low levels of pesticides in complex matrices, such as food or soil. This sensitivity is due to the high selectivity and specificity of the GC-MS technique, which allows for the detection of trace amounts of pesticides even in the presence of interfering compounds.



Purity Laboratories Chemistry Department

The first step in the GC-MS analysis of pesticides is sample preparation. This typically involves extracting the pesticide from the matrix, such as soil, water, or food, and then purifying the extract to remove any interfering compounds. The purified extract is then injected into the GC-MS system for analysis.

In the GC step, the sample is injected into a heated inlet, where it is vaporized and transported by an inert gas through a capillary column. The column is filled with a stationary phase, which separates the individual components in the sample based on their boiling point, polarity, and other chemical properties. As the components pass through the column, they are separated based on their retention time, or the time it takes for them to travel through the column.

In the MS step, the individual components in the sample are ionized and fragmented, producing a unique mass spectrum that can be used to identify and quantify the pesticides. The mass spectrum is compared to a database of known pesticides to determine the identity of the pesticide and its concentration in the sample.

GC-MS can detect and quantify a wide range of pesticides, including organochlorines, organophosphates, carbamates, and pyrethroids. GC-MS can also detect metabolites and degradation products of pesticides, which can provide important information on the fate and behavior of pesticides in the environment.

MICROBIOLOGY



Foodborne illnesses caused by pathogenic bacteria affect millions of people every year. These microorganisms also contribute to the spoilage and decreased product shelf life. To preserve the integrity of your food product, microbiological control is essential.

At Purity, we are dedicated to ensuring the quality and safety of your food products. Our microbiology operations are certified under ISO/IEC 17025:2017 to ensure we comply with international quality standards for a global market.

We are constantly evaluating and incorporating advances in methodology to expand our microbiology testing capabilities.

Our rapid microbiology testing facilities offer a wide variety of testing capabilities and fast turn-around times.



Microbiology Testing

MICROBIOLOGY

Purity has one of the broadest offerings in the Northwest for the following categories of Food microbiological testing:

• Food • Dietary Supplements • Hemp • Water/Wastewater • Pet Food • Agricultural Crops • Greenhouses • Equipment. • Surfaces. • Facilities

Food and Nutraceuticals Microbiological Tests

- Aerobic Plate Count (FDA-BAM, USP)
- Anaerobic Plate Count (USP)
- Coliforms / E. coli 9 Tube (FDA BAM, AOAC)
- Coliforms / Fecal Coliforms (FDA BAM, AOAC)
- Coliforms MPN Confirmation
- Total Coliforms / E. coli (AOAC)
- E. coli (USP, AOAC)
- E. coli O157:H7 (25 g VIDAS)
- E. coli O157:H7 (375 g VIDAS)
- Enterobacteriaceae (AOAC, USP)
- Lactic Acid Bacteria Count (SMEDP)
- Lactobacillus Count (SMEDP)
- Listeria spp. (VIDAS)
- Pseudomonas aeruginosa (USP)
- Salmonella (USP)
- Salmonella (25 g VIDAS)
- Salmonella (375 g VIDAS)
- Staphylococcus aureus (AOAC, FDA BAM, USP)
- Yeast & Mold (FDA BAM, AOAC, USP)
- Shelf-Life Studies
- Microscreen #1: Aerobic Plate Count, Total Coliforms/E. coli (AOAC), Yeast and Mold
- Microscreen #2: Aerobic Plate Count, Total Coliforms/E. coli (FDA-BAM), Yeast and Mold
- Pathogen Screen: Listeria spp., E. coli, Salmonella, Staphylococcus aureus, Pseudomonas aeruginosa
- USP Screen: Aerobic Plate Count, Yeast and Mold, Total Coliforms/E. coli, Pseudomonas, Staphylococcus, Bile Tolerant, E. coli, Salmonella
- Micro Package #2: Aerobic Plate Count, Yeast and Mold, Total Coliforms/E. coli, Pseudomonas, Staphylococcus, Bile Tolerant, E. coli, Salmonella, Listeria



Microbiology Testing

MICROBIOLOGICAL TESTING AT PURITY LABS

Environmental microbiological testing, examining the presence and behavior of microorganisms in various environments, has emerged as an essential tool to safeguard public health.

For more than 55 years, Purity Laboratories has served its customers with accurate and comprehensive microbiological testing. Testing in our microbiology department is accredited to ISO/IEC 2005:2017, the highest standard of environmental laboratory testing in our industry.

Purity Laboratories also complies with FDA requirements for environmental testing for food and dietary supplements that require a combination of rigorous testing, preventive control strategies, thorough documentation and responsiveness to potential contamination issues. Methods employed for all microbial testing at Purity Laboratories also comply with FDA standards using recognized methodologies including FDA BAM, AOAC, USP, and SMEDP. Details of these methods are as follows:

- **FDA Bacteriological Analytical Manual (BAM)** – FDA's Bacteriological Analytical Manual (BAM) contains a collection of standardized methods for the detection of

(Continued on next page)

pathogenic microorganisms and toxins in food and cosmetic products. These procedures, endorsed by the U.S. Food and Drug Administration (FDA), serve as a reference manual for regulatory laboratories and industries. Key aspects include:

- Pathogen Detection: Utilizes culture methods, microscopy, and molecular techniques to identify organisms like Salmonella, E. coli, and Listeria.
- Quality Assurance: Ensures laboratories follow proper protocols and quality control measures for accurate results.
- Sample Preparation: Outlines procedures for collecting, storing, and preparing samples to ensure integrity.
- **Association of Official Analytical Collaboration (AOAC) Methods** – AOAC International is a globally recognized organization that develops standardized analytical methods for various fields, including food, pharmaceuticals, and environmental sectors.
 - Validation Process: AOAC rigorously validates methods to ensure they are scientifically sound and reproducible across different laboratories.
 - Diverse Techniques: Includes methods for nutritional analysis, allergen detection, pathogen testing, and more.
 - International Acceptance: Many regulatory bodies worldwide accept AOAC methods as they adhere to international standards.
- **United States Pharmacopeia (USP)** – USP sets quality standards for drugs, dietary supplements, and food ingredients. Its microbiological testing methods are recognized and enforceable by the FDA.
 - Sterility Testing: Essential for pharmaceutical products to ensure they are free from contamination.
 - Antimicrobial Effectiveness Testing: Evaluates the effectiveness of preservatives in pharmaceuticals and dietary supplements.
 - Microbial Enumeration: Quantifies total aerobic microbial count and yeast and molds in products.
 - Harmonized Standards: Collaborates with international partners to develop harmonized standards, ensuring global consistency.
- **Standard Methods for the Examination of Dairy Products (SMEDP)** - - SMEDP outlines procedures for examining the microbiological quality of dairy products.
 - Raw Material Testing: Evaluates the microbial content in milk and other raw materials.
 - Finished Product Analysis: Includes methods for detecting spoilage microorganisms, pathogens, and other quality-related attributes.
 - Sanitation Assessment: Assesses the effectiveness of sanitation procedures within dairy processing environments.

CHEMISTRY



Our expert scientists deliver reliable, accurate and cost-effective chemical analyses.

At Purity Laboratories, we're experts at testing for standard nutrition label requirements. We use the official methods of the Association of the Official Analytical Chemists (AOAC), American Association of Cereal Chemists (AACC), and American Oil Chemists' Society (AOCS). or, we employ extensive statistical comparisons and collaborate as a team to produce an equivalent.

We are innovative leaders in the areas of environmental testing for the nutraceutical, food and hemp industries. Named a "Center of Excellence" for Agilent Technologies, Purity works with an expansive network of scientists and technology experts to ensure that we offer the most current, state-of-the-art laboratory testing services to our customers.



Chemistry Testing

Vitamins

• Vitamin A • Vitamin B-1, B-2, B-3, B-5, B-6, B-7, B-9, B-12 • Vitamin C • Vitamin D • Vitamin E • Vitamin K-1 and K-2

Allergens

• Gluten • Milk • Peanut • Soy • Egg • Almond • Coconut • Hazelnuts • Sesame • Fish • Crustacean

- 5-Allergen Panel
- 9-Allergen Panel (for FDA compliance)

Heavy Metals

• Aluminum* • Antimony* • Arsenic* • Barium* • Beryllium* • Boron • Cadmium* • Calcium • Chromium* • Cobalt* • Copper* • Iron • Lead* • Magnesium • Manganese* • Mercury* • Molybdenum* • Nickel* • Palladium* • Phosphorus • Platinum* • Potassium • Selenium* • Silver* • Thallium* • Tungsten* • Tin* • Uranium* • Vanadium* • Zinc*

- 4-Heavy Metals Panel (Arsenic, Cadmium, Mercury, Lead)
- 8 RCRA Heavy Metals Package (Arsenic, Cadmium, Mercury, Lead, Barium Silver, Selenium, Chromium)
- 9 USP Heavy Metals Package (Arsenic, Cadmium, Mercury, Lead, Silver, Antimony, Copper, Tin, Molybdenum)
- 24 Heavy Metals Panel (see *metals)
- Macro Elements Panel: Calcium, Magnesium, Sodium, Potassium, Phosphorous

Pesticides/Chemicals

- 120 Pesticide/Chemicals

Food Chemistry

• Ash/Residue on Ignition • Moisture • Protein • Fat • Alcohol Content • Aflatoxin • Brix • Free Fatty Acid • Peroxide Value • pH • Salt • Water Activity • Water Phase Salt

Nutritional Panel

• Total Calories, Calories from Fat, Fat, Carbohydrates, Protein, Ash, Moisture

Water/Wastewater

• Chemical Oxygen Demand • Chloride • Hardness (Total) • Nitrate in water • Nitrite in water • pH in water • Solids - Total Dissolved • Solids - Total Suspended • Turbidity

Other Ingredients

- See pages 30 and 31 for list

SUBMIT A SAMPLE

Everything we do at Purity Laboratories, from our testing approach to the way we collect samples, is designed to maintain the integrity of your test results. For best results, please follow our recommended sample preparation and shipping procedures.

Download

Chain of Custody Form at
www.puritylabsinc.com

Send Samples to:

Purity Laboratories
17387 63rd Ave.
Lake Oswego, OR 97053



Please send samples to arrive Monday through Friday unless otherwise prearranged.

SAMPLE COLLECTION AND PREPARATION

WHEN ASSEMBLING YOUR PRODUCT FOR TESTING, PLEASE USE THE FOLLOWING GUIDELINES:

- Collect a sample that is well-blended and homogenous.
- Include specific grinding, handling or composite instructions with the order .
- Include sample matrix/composition descriptions and estimates on the submittal form.

Note: Purity cannot accept unidentified samples. Please contact Purity for guidance on an appropriate sample size for your submission.

SHIPPING YOUR SAMPLE

TO ENSURE THE INTEGRITY AND SECURITY OF SAMPLES SENT TO PURITY, WE ASK THAT OUR CUSTOMERS OBSERVE THE FOLLOWING GUIDELINES WHEN SHIPPING SAMPLES:

- Secure each food sample in its own container. Seal each sample package completely to prevent leakage. This is very important to prevent cross-contamination.
- Use packing materials that are strong enough to travel without damage or leakage
- For samples needing refrigeration, please package and ship them appropriately and clearly mark "refrigerate" on the outside of the package to ensure continuous refrigeration.
- Label each sample individually with the identification you would like included on the final report. CAUTION: Do not use magic marker for labeling pesticide residue samples. This will contaminate the matrix.
- Enclose Purity's Analytical Request/Chain of Custody form(s) with sample identifiers and matrices, purchase order and analyses you would like performed on each sample.
- If you would like your samples or shipping coolers sent back to you, please provide your UPS or FedEx shipping number or include a return label with your product.
- Additional fees may apply for sample return or for special disposal.

Please ship your samples to arrive during the business week (Monday - Friday). We do not accept deliveries on Saturday unless prearranged.





Analytical Request Form / Chain of Custody

17387 SW 63rd Ave.
Lake Oswego, Oregon 97035
Phone #: 503-297-3636
Fax #: 503-297-3738
www.puritylabsinc.com

General Instructions: Please complete this form and send along with samples to the above address. * - Required Information				Turnaround Time* <input type="checkbox"/> Standard within 5-7 business days depending on requested tests				<input type="checkbox"/> Rush (Fee Applies) Call for availability - applies to chemistry testing only			
Client Information*						Billing Information* <input type="checkbox"/> Same as Client					
Contact:						Contact:					
Company:						Address:					
Address:						PO #:					
Email:						Email:					
Phone #:				Fax #:		Phone #:				Fax #:	
Report* <input type="checkbox"/> Email <input type="checkbox"/> Fax		Additional Report Recipients				Invoice* <input type="checkbox"/> Email <input type="checkbox"/> Fax					

Enter description and any other important information regarding test samples below. This information will appear on lab report. Use another form for additional samples.

About the sample	Sample #1	Sample #2	Sample #3	Sample #4	Sample #5
Description*					
Lot Number					
Date & Time Sampled					
Requested Test(s)* with Purity Test Number*, include methods and/or specifications, if necessary					

Notes/Special Instructions

Relinquished By (Client)*		Received By (Lab use only):	
Signature:		Signature:	
Print:		Print:	
Date:	Time:	Date:	Time:

Note: Client signature on this form and/or submission indicates authorization for analysis to proceed and acceptance of Purity Laboratories standard terms and conditions.

LF1000.4

Created: 03/16/17

Revised: 05/05/20



TERMS OF SERVICE

- 1. Scope:** This document establishes Terms and Conditions of Service for K & D Laboratories, an Oregon corporation (dba Purity Laboratories (Purity)), which provides laboratory testing and other services to its customers (each a Customer).
- 2. Contract:** The Terms and Conditions of Service (Terms and Conditions) as described in this document are considered accepted by the Customer upon submission of an account application, Purity's LF1000 Analytical Request/Chain of Custody Form (Chain of Custody Form), or delivery of any sample to Purity and shall exclusively apply to all contracts between Purity and its customers. The Terms and Conditions described herein prevails over any Customer documents, except as agreed to by Purity in writing. Understanding Purity's Terms and Conditions is the responsibility of the Customer. The most current Terms and Conditions will be published by Purity on its website at www.puritylabsinc.com.
- 3. Submission of Samples:** To order services from Purity, the Customer must submit a completed Chain of Custody Form with each sample submitted for testing. The Chain of Custody Form is intended to record the movement of samples from collection to receipt at Purity and it also intends to serve as instructions and a purchase order for laboratory services. If the Chain of Custody Form is not filled out completely by the Customer or completed incorrectly, the sample will be set aside until the complete and correct information is obtained. Purity disclaims responsibility of testing delays that may occur because of receiving an incomplete or incorrect Chain of Custody Form from the Customer. To be a completed form, information regarding the following must be provided: Customer Name, Address, Telephone and Fax Numbers, Contact Person, Purchase Order Number, Unique Sample Description, Lot # and a detailed list of all tests that the Customer wants Purity to perform on the sample including the estimated analysis level(s) if known.
- 4. Sample Selection, Containment and Transport:** Customers are responsible for shipping samples to Purity to minimize contamination from containers or degradation from transport or improper handling also refrigeration, if required. The Customer should also ensure that samples submitted are representative of its product both in nature and in packaging. If multiple tests are required for the same lot of product, the Customer should provide multiple quantities of the sample as described on the Chain of Custody Form. The samples should be sent to Purity in air/leak proof protective containers. Any sample containing a potentially hazardous chemical should be sent in a container especially designed for protection specifically from that hazardous chemical. The Customer must receive Purity's written consent to receive a hazardous chemical for testing, prior to shipment and adhere to U.S. Food and Drug Administration (FDA) and/or U.S. Department of Agriculture (USDA) sampling guidelines where applicable.
- 5. Sample Acceptance:** Only samples received that meet Purity's criteria for acceptance will be processed and tested. Purity reserves the right to refuse or reject any sample and will notify the Customer should this occur. If the Customer requests that the rejected sample be returned, Purity will return the sample if possible. A handling fee for the return service may be charged.
- 6. Sample Retention:** Purity normally retains samples for 14 days from the time they arrive except for perishable items, which will be destroyed after testing is completed. Purity retains the right to remove or dispose of samples that are rotten prior to the 14 days.
- 7. Testing Methods:** Purity testing is generally conducted by testing procedures established by AOAC, USP, FDA, USDA or EPA or other procedures that Purity has developed for the type of sample tested.
- 8. Test Reports:** After testing, Purity will send the Customer a test report by e-mail or if the customer prefers by mail or both. For some tests, test reports are accessible on our website at www.puritylabsinc.com. Purity will follow guidance provided by the Customer on Purity's Chain of Custody Form to ensure that the Customer receives testing as ordered.
- 9. Turnaround Times:** Current turnaround times are available by calling Purity at 503.297-3636 or on our website at www.puritylabsinc.com. Rush fees may be applied for samples requested in 1-3 days. Turnaround times are estimates and Purity shall make commercially reasonable efforts to meet its estimated deadlines. If a test is delayed for more than 2 days beyond Purity's normal turnaround times, the Customer will be notified then or earlier if possible. If sample material is provided in insufficient amounts, Purity will contact the customer to request that additional material be provided. A new deadline for test results will be established based on the receipt of adequate sample material to conduct the requested test.
- 10. Rush Testing:** Rush testing is available, subject to laboratory capacity, for an additional surcharge, normally double the published price for the test or



TERMS OF SERVICE

more if the rush will cause excessive disruption to Purity's business.

11. **Hazardous Materials:** Hazardous materials include a wide range of materials identified by local, state and federal governments. As mentioned in paragraph 4, it is the Customer's responsibility to inform Purity of any hazardous material shipped to Purity to be tested or for any other reason. Any damages arising from or relating to a Customer's failure to disclose a hazardous material will be the will be financial responsibility of the Customer. This can include medical expenses, clean-up and recovery expenses and administrative expenses relating to the damages caused by the Customer's failure to disclose a potentially hazardous material it sends to Purity.
12. **Fees for Services:** Lab tests are charged at current published rates unless Purity agrees to other negotiated prices in writing and signed by the Lab Manager, CEO or President of Purity. Purity's current price list should be available on Purity's website at www.puritylabsinc.com. Pricing for tests that are not listed but may be available or developed for a Customer will be quoted, in writing by Purity.
13. **Payment Terms:** Payment is due on receipt of Purity's invoice to a Customer, unless approved for Net 30 day terms by Purity. To qualify for Net 30 day terms, a Customer must complete and submit Purity's Application for Credit Form for review and approval by Purity. If credit terms are extended to a customer, Purity will confirm those terms in writing to the customer by e-mail or mail.
14. **Invoices and Payments:** All prices quoted or otherwise specified by Purity are exclusive of taxes. If Purity is required to collect any taxes from a Customer with respect to the services, such amounts will be added to the Customer's invoice. Purity will invoice a Customer following approval for release by its QC department. Purity will charge interest on past due amounts at the rate of one and one-half percent (1 1/2%) per month or the maximum rate allowed by law, whichever is less. Delinquent accounts (those with unpaid invoices over 90 days old) may be referred to an outside collection agency and/or attorney, and Customer shall pay all associated collection expenses, including agency fees, attorneys' fees, and court costs.
15. **Warranties:** Purity warrants that it will report test results "as is" and without additional warranties of any kind. If the Customer requires specific detection limits, it is the Customer's responsibility to ensure that Purity can meet those limits before submitting the sample to be tested. The Customer's sole and exclusive remedy for any breach by Purity will be to have a sample retested, providing Purity has adequate material for the retesting or if not, the Customer provides additional sample material to test.
16. **Subcontracting:** Purity may subcontract Services to third party laboratories to meet all a Customer's requirements for testing. Use of subcontractors must be approved by the Customer. All warranty disclaimers, limitations of liability and other restrictions in this agreement will apply to any subcontractor's test results and other services.
17. **Litigation Costs:** The Customer will reimburse Purity for all costs incurred by Purity and/or its subcontractors, for responding to any subpoena or any other legal process relating to the test results or other services provided to the Customer. Costs for time spent will be calculated based on the hourly rate schedules for any of Purity's employees, officers, contractors or advisors.
18. **Indemnity and Insurance:** The Customer agrees to defend, indemnify, and hold harmless Purity, its affiliates, its subcontractors, their respective successors and permitted assigns, and all of their respective directors, officers, shareholders, members, employees, representatives, and agents (collectively, the "Indemnitees") from and against any and all claims, actions, suits, proceedings, demands, losses, fines, damages, costs, (including, without limitation, reasonable attorneys' fees, expert witness fees, and court costs), and other remedies of any kind or nature (whether based on tort, contract, warranty, products liability, strict liability, trade, regulatory, or other law) arising from or otherwise relating to any Customer product or service, including without limitation any claim or allegation that any Customer product or service was or is dangerous; defective in design, ingredients, manufacture, production, bottling, packaging, or otherwise; unsafe; unfit for consumption or use; otherwise unfit; defectively or otherwise improperly labeled, packaged, shipped, or otherwise transported; negligently, fraudulently, or otherwise improperly advertised, marketed, or promoted; or otherwise injured, harmed, or damaged any person or property in any way (individually a "Claim" and collectively "Claims"). Purity agrees to (i) provide its Customers with notice of a Claim within ten (10) days after being formally served therewith; (ii) provide the Customer the opportunity to defend and settle the Claim, except that the Customer shall not settle the Claim without the prior written consent of Purity, and (iii) provide reasonable assistance to the Customer, at the Customer's request and expense, to defend against the Claim. Purity will have the right, in its sole discretion, to participate in the



TERMS OF SERVICE

- defense of the Claim, at its own expense, through counsel of its own choosing.
19. **Insurance Coverage:** Without limiting the generality of the previous paragraph, the Customer represents and warrants to Purity that (i) the Customer has and will maintain products liability insurance with an A.M. Best A+ or better rated carrier providing protection and adequate coverage with respect to any and all claims, liabilities, damages, costs, and expenses arising out of or otherwise relating to any defects or alleged defects in Customer's products; (ii) such products liability insurance includes coverage for additional insureds that include the Indemnitees; and (iii) the Customer will notify Purity within ten (10) days of any cancellation, modification, or reduction of such insurance coverage. In addition to any other remedies available, Purity reserves the right to terminate all Services for Customer in the event of any breach of the foregoing warranties or for the cancellation of any such insurance coverage or any gap in such coverage.
 20. **Assignment:** Neither party may assign this agreement without the other party's written consent, which shall not be unreasonably withheld. This agreement shall be binding on and inure to the benefit of each of the parties' successors and permitted assigns, if any. The Customer will inform Purity of any change of ownership or control of Customer, whether by merger, stock sale, or otherwise, and Purity shall have the right, in its sole discretion, to terminate this agreement or revoke Customer's credit account.
 21. **Relationship of the Parties:** The relationship of the parties established by this agreement is that of independent contractors, and nothing contained in this agreement shall be construed (a) to give either party the power to direct and control the day-to-day activities of the other, (b) to constitute the parties as partners, joint venturers, co-owners, or participants in any joint or common undertaking, or (c) to allow either party to act as an agent of the other or otherwise to create or assume any obligation on behalf of the other party.
 22. **Notices.** Notices shall be made in writing, shall be sent by email, facsimile, certified mail, hand delivery, or express carrier, and will be effective upon receipt.
 23. **Compliance with Laws:** Each party agrees to comply with all federal, state, and local laws applicable to its performance of this agreement.
 24. **Non-Waiver:** Any failure or delay by either party to exercise or partially exercise any right, power or privilege under this agreement shall not be deemed a waiver of thereof.
 25. **Severability.** If a court of competent jurisdiction finds any provision of this agreement to be void, invalid, illegal or unenforceable, the provision will be limited, modified, or if necessary severed, to the extent necessary to eliminate its violability, invalidity, illegality, or unenforceability, and the other provisions hereof shall remain unaffected. Any void, invalid, illegal, or unenforceable provision will be replaced by the parties by a legal and enforceable closest in operation and effect to the void, invalid, illegal, or unenforceable provision.
 26. **Force Majeure:** A party's failure to perform in timely fashion shall not be a breach of this agreement if such failure to perform results from circumstances beyond the party's reasonable control, including, but not limited to, labor disputes, civil disturbances, acts or non-actions of governmental authorities or suppliers, epidemics, war, embargoes, severe weather, fire, earthquakes, Internet outage, Acts of God, or default of a common carrier. This provision shall not apply, however, to the Customer's payment obligations to Purity.
 27. **Governing Law:** This agreement shall be governed by and interpreted in accordance with the laws of the State of Oregon, excluding its conflicts of law rules. Exclusive jurisdiction and venue for any disputes arising or relating to this agreement shall be in the federal and state courts sitting in Portland, Oregon and each party irrevocably consents to such jurisdiction and venue. The party that substantially prevails in any action or proceeding brought with respect to this agreement will be entitled to recover, in addition to any other relief, its costs and reasonable attorneys' fees. Each party irrevocably waives the right to a trial by jury in any and all actions or proceedings brought under or with respect to this agreement.
 28. **Survival of Terms:** The provisions of the agreement that by their nature extend beyond the termination of this agreement will survive and remain in effect until all obligations are satisfied.
 29. **Entire Agreement.** This agreement constitutes the entire agreement between the parties as to the subject matter hereof and supersedes all prior written and oral communications, agreements, representations, warranties, statements, negotiations, understandings, and proposals, with respect to such subject matters.

PRICE LISTS



ALLERGENS

TEST #	TEST	PRICE
CH053	Gluten	\$78.00
CH054	Milk	\$78.00
CH055	Peanut	\$78.00
CH056	Soy	\$78.00
CH057	Egg	\$78.00
CH143	Almond	\$78.00
CH144	Coconut	\$78.00
CH145	Hazelnuts	\$78.00
CH146	Sesame	\$78.00
CH147	Fish	\$78.00
CH148	Crustacean	\$78.00
CH800	5-Common Allergens Package: Milk, Peanut, Soy, Egg, Gluten	\$340.00
CH802	9-Allergens Dietary Supplement/Food Package - Gluten (Wheat), Milk, Peanut, Soy, Egg, Crustacean, Fish, Tree Nuts, Sesame	\$620.00

We Test for Allergens!

The FDA requires that food and dietary supplement manufacturers declare nine allergens on their labels. These include milk, eggs, wheat, peanuts, tree nuts, soy, fish, crustaceans and sesame.

*Don't Overlook
Sesame!*



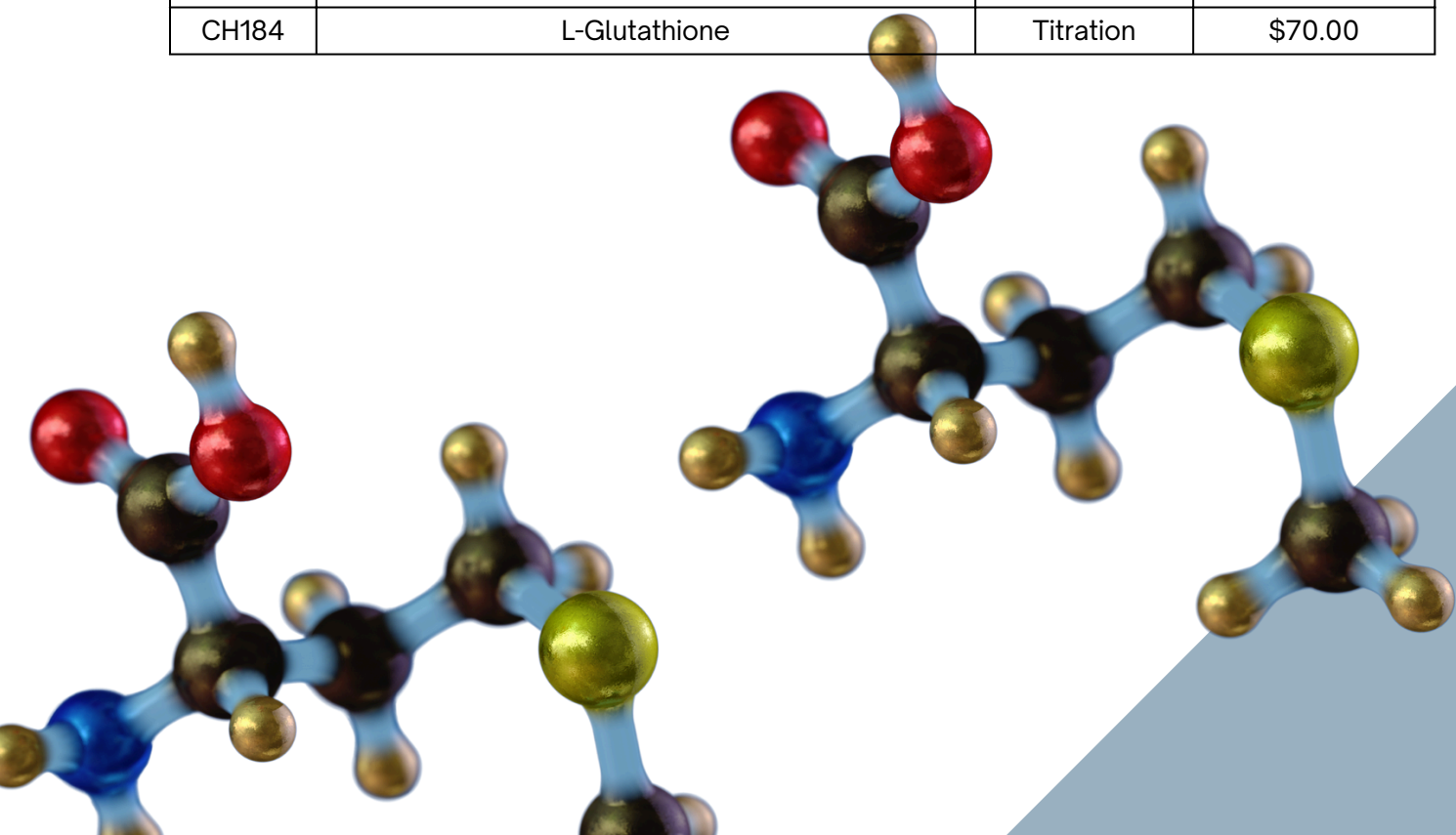
VITAMINS

TEST #	TEST	METHOD	PRICE
CH019	Vitamin A (Acetate, Palmitate)	HPLC	\$135.00
CH128	Vitamin A (Beta Carotene)	HPLC	\$135.00
CH022	Vitamin B1 (Thiamine)	HPLC	\$135.00
CH023	Vitamin B2 (Riboflavin)	HPLC	\$135.00
CH024	Vitamin B3 (Niacin, Niacinamide)	HPLC	\$135.00
CH098	Vitamin B5 (Pantothenic Acid)	HPLC	\$135.00
CH025	Vitamin B6 (Pyridoxine)	HPLC	\$135.00
CH099	Vitamin B7 (Biotin/Vitamin H)	HPLC	\$135.00
CH100	Vitamin B9 (Folic/Folinic)	HPLC	\$135.00
CH097	Vitamin B12 (Methylcobalamin, Cyanocobalamin, Adenosylcobalamin)	ICP-MS	\$135.00
CH026	Vitamin C (Ascorbic Acid)	Titration	\$117.00
CH021	Vitamin D3 (HPLC)	HPLC	\$150.00
CH021LC	Vitamin D3 (LC-MS)	LC-MS	\$175.00
CH020	Vitamin E (Alpha Tocopherol, Acetate)	HPLC	\$135.00
CH105	Vitamin K1	HPLC	\$135.00
CH106	Vitamin K2 MK7	HPLC	\$135.00



AMINO ACIDS

TEST #	TEST	METHOD	PRICE
CH111	L-Leucine	Titration	\$72.00
CH160	Aspartic Acid	Titration	\$67.00
CH161	Betaine HCl	Titration	\$67.00
CH162	L-Creatine	Titration	\$67.00
CH163	L-Cysteine	Titration	\$70.00
CH164	Dimethylglycine	Titration	\$70.00
CH165	L-Glycine	Titration	\$70.00
CH166	L-Arginine	Titration	\$70.00
CH167	L-Asparagine Monohydrate	Titration	\$70.00
CH168	L-Carnosine	Titration	\$70.00
CH169	L-Glutamine	Titration	\$70.00
CH171	L-Isoleucine	Titration	\$70.00
CH172	L-Lysine	Titration	\$70.00
CH173	L-Methionine	Titration	\$70.00
CH174	L-Phenylalanine	Titration	\$70.00
CH175	L-Proline	Titration	\$70.00
CH176	L-Serine	Titration	\$70.00
CH178	L-Taurine	Titration	\$70.00
CH179	L-Theanine	Titration	\$70.00
CH180	L-Threonine	Titration	\$70.00
CH181	L-Tyrosine	Titration	\$70.00
CH182	L-Valine	Titration	\$70.00
CH184	L-Glutathione	Titration	\$70.00



FOOD CHEMISTRY

TEST #	TEST	PRICE
CH031	Ash / Residue on Ignition	\$102.00
CH032	Moisture	\$42.00
CH033	Protein	Call for Quote
CH034	Fat	\$82.00
CH035	Alcohol Content	\$69.00
CH038	Brix	\$27.00
CH040	Free Fatty Acid	\$92.00
CH043	Peroxide Value	\$65.00
CH044	pH	\$36.00
CH045	Salt	\$60.00
CH047	Water Activity	\$78.00
CH048	Water Phase Salt	\$182.00

HEAVY METALS PACKAGES

TEST #	TEST	PRICE
CH114	4 Heavy Metals Panel: Arsenic, Lead, Mercury, Cadmium	\$84.00
CH095	5 Heavy Metals Package: Arsenic, Lead, Mercury, Cadmium, Chromium	\$105.00
CH091	8 RCRA Heavy Metals Package: Arsenic, Cadmium, Lead, Mercury Chromium, Barium, Silver, Selenium	\$132.00
CH092	9 USP Heavy Metals Package: Arsenic, Lead, Mercury, Cadmium, Silver, Antimony, Tin, Copper, Molybdenum	\$145.00
CH119	24 Heavy Metals Panel (indicated by *)	\$260.00
CH153	Macro Elements Panel: Calcium, Magnesium, Sodium, Potassium, Phosphorous	\$100.00

A digestion fee is included in the package price.



HEAVY METALS

TEST #	TEST	PRICE
CH059	Aluminum*	\$16.00
CH060	Antimony*	\$16.00
CH061	Arsenic*	\$16.00
CH062	Barium*	\$16.00
CH063	Beryllium *	\$16.00
CH064	Boron	\$16.00
CH065	Cadmium*	\$16.00
CH066	Calcium	\$16.00
CH067	Chromium*	\$16.00
CH068	Cobalt*	\$16.00
CH069	Copper*	\$16.00
CH070	Iron	\$16.00
CH071	Lead*	\$16.00
CH072	Magnesium	\$16.00
CH073	Manganese*	\$16.00
CH074	Mercury*	\$16.00
CH075	Molybdenum*	\$16.00
CH076	Nickel*	\$16.00
CH077	Palladium*	\$16.00
CH078	Phosphorus	\$16.00
CH079	Platinum*	\$16.00
CH080	Potassium	\$16.00
CH081	Selenium*	\$16.00
CH082	Silver*	\$16.00
CH083	Sodium	\$16.00
CH084	Thallium*	\$16.00
CH085	Tungsten*	\$16.00
CH086	Tin*	\$16.00
CH087	Uranium*	\$16.00
CH088	Vanadium*	\$16.00
CH089	Zinc*	\$16.00
CH090	Digestion Fee	\$30.00

A digestion fee is added per sample when metals tests are ordered individually.

[*] indicates metals included in Purity Laboratories' 24 metal panel CH119.

MICROBIOLOGY

TEST #	TEST	METHOD	PRICE
MI002	Aerobic Plate Count	FDA-BAM	\$24.00
MI002A	Aerobic Plate Count	AOAC	\$24.00
MI002C	Aerobic Plate Count	USP	\$24.00
MI004	Coliforms/E. coli (9 tube)	FDA BAM	\$43.00
MI006	Coliforms/E. coli Confirmation	FDA BAM	\$40.00
MI010	Total Coliforms/E. coli Confirmation	AOAC	\$26.00
MI011	E. coli	USP	\$36.00
MI011A	E. coli	AOAC	\$26.00
MI012VD	E. coli O157:H7 (25g)	VIDAS	\$42.00
MI013VD	E. coli O157:H7 (375g)	VIDAS	\$92.00
MI014	E. coli O157:H7 Confirmation Step 1	VARIOUS	\$47.00
MI015	E. coli O157:H7 Confirmation Step 2	VARIOUS	\$73.00
MI016	Enterobacteriaceae (Petrifilm)	AOAC	\$31.00
MI017	Gram Stain	STAINING	\$27.00
MI018	Lactic Acid Bacteria Count	SMEDP	\$36.50
MI019	Lactobacillus Count	SMEDP	\$36.50
MI020VD	Listeria spp.	VIDAS	\$36.00
MI021	Listeria spp. Confirmation Step 1	VARIOUS	\$46.50
MI022	Listeria spp. Confirmation Step 2	VARIOUS	\$71.50
MI023	Pseudomonas aeruginosa	USP	\$25.50
MI024	Pseudomonas aeruginosa Confirmation Step 1	VARIOUS	\$36.50
MI058	Pseudomonas aeruginosa Confirmation Step 2	VARIOUS	\$62.00
MI025	Salmonella	USP	\$36.50
MI026VD	Salmonella (25 g)	VIDAS	\$40.00
MI027VD	Salmonella (375 g)	VIDAS	\$78.00
MI028	Salmonella spp. Confirmation Step 1	VARIOUS	\$57.00
MI029	Salmonella spp. Confirmation Step 2	VARIOUS	\$73.00
MI032	Staphylococcus aureus (Petrifilm)	AOAC	\$26.00
MI033	Staphylococcus aureus	FDA BAM	\$29.00
MI034	Staphylococcus aureus	USP	\$40.50
MI037	Yeast & Mold	FDA BAM	\$25.00
MI038	Heterotrophic plate count (1 mil)	Pour Plate	\$27.00
MI039	Heterotrophic plate count (100 mil)	Membrane Filt.	\$36.00
MI040	Potability	Colilert Test Kit	\$38.50
MI045	Compositing Fee (each)	N/A	\$21.00
MI052	Yeast & Mold (Petrifilm)	AOAC	\$25.00
MI053	Yeast & Mold	USP	\$25.50
MI054	Enterococcus	SMEDP	\$44.00
MI055	Enterobacteriaceae	USP	\$28.50
MI059	Staphylococcus aureus Confirmation Step 1	VARIOUS	\$47.00
MI064	Staphylococcus aureus Confirmation Step 2	VARIOUS	\$73.00
MI080	Bacillus cereus	FDA BAM	\$60.00

MICROBIOLOGY PACKAGES

TEST #	TEST	PRICE
MI041	Microscreen #1: Aerobic Plate Count, Total Coliforms / E. coli (Petrifilm), Yeast & Mold	\$65.00
MI042	Microscreen #2: Aerobic Plate Count, Total Coliforms / E. coli (MPN), Yeast & Mold	\$80.00
MI043	Pathogen Screen: Listeria spp., E. coli, Salmonella, Staphylococcus aureus, Pseudomonas aeruginosa	\$153.00
MI100	USP Screen: Aerobic plate count , Y/M count , TC/EC, Pseudomonas, Staphylococcus, Bile tolerant, E.coli, Salmonella	\$127.00
MI101	Micro Package #2: Aerobic plate count , Y/M count , TC/EC , Pseudomonas, Staphylococcus, Bile tolerant, E.coli, Salmonella, Listeria	\$132.00
MI044	Shelf Life Study (Real Time)	Call for Quote
MI045	Compositing Fee	\$21.00

NUTRITIONAL PANEL

TEST #	TEST	PRICE
CH058	Nutritional Panel #1 Total Calories, Calories from Fat, Carbohydrates, Protein, Ash, Moisture	\$260.00

TOXICITY TESTS

TEST #	TEST	PRICE
CH120	Toxicity Panel #4 (120 Contaminants) Quantitative Test	\$175.00

OTHER INGREDIENTS

TEST #	TEST	METHOD	PRICE
CH096	Caffeine	HPLC	\$130.00
CH101	Resveratrol	HPLC	\$135.00
CH103	Co-Enzyme Q10	HPLC	\$138.00
CH107	Melatonin	HPLC	\$138.00
CH109	GABA	Titration	\$69.00
CH110	Acetyl L-Carnatine, Carnitine	Titration	\$69.00
CH115	PABA	HPLC	\$135.00
CH116	Pyridoxal-5-Phosphate (P-5-P)	HPLC	\$129.00
CH117	5-MTHF	HPLC	\$142.00
CH118	5-Hydroxytryptophan	HPLC	\$138.00
CH127	Curcuminoids	HPLC	\$138.00
CH149	N-Acetyl Cysteine, N-Acetyl L-Cysteine	HPLC	\$138.00
CH150	Alpha Lipoic Acid	HPLC	\$138.00
CH152	Quercetin	HPLC	\$138.00
CH185	Berberine	HPLC	\$138.00
CH186	Piperine, BioPerine	HPLC	\$138.00
CH187	Pregnenolone	HPLC	\$138.00
CH188	EGCG (Epigallocatechin)	HPLC	\$138.00
CH300	Glyphosate/AMPA	HPLC	Call for Quote
WC0010	Adipic Acid	Titration	\$64.00
WC0015	Alpha Ketoglutaric Acid	Titration	\$69.00
WC0020	Alpha Lipoic Acid	Titration	\$69.00
WC0025	Arginine HCl	Titration	\$69.00
WC0040	Calcium Alpha Ketoglutaric	Titration	\$69.00
WC0045	Calcium Ascorbate	Titration	\$64.00
WC0050	Calcium Carbonate	Titration	\$64.00
WC0055	Calcium Citrate Tetrahydrate	Titration	\$64.00
WC0060	Calcium D-Glutarate	Titration	\$69.00
WC0065	Choline Dihydrogen Citrate	Titration	\$69.00
WC0070	Citric Acid	Titration	\$64.00
WC0080	Di-Calcium Phosphate Anhydrous	Titration	\$64.00
WC0085	Di-Calcium Phosphate Dihydrate	Titration	\$64.00
WC0090	Dimethylaminoethanol (DMAE)	Titration	\$69.00
WC0095	Dimethylaminoethanol Bitartrate	Titration	\$69.00
WC0100	DMG in Finished Product	Titration	\$69.00
WC0105	GABA	Titration	\$69.00

OTHER INGREDIENTS (Continued)

TEST #	TEST	METHOD	PRICE
WC0110	Glucosamine Sulfate	Titration	\$69.00
WC0115	Glucosamine Sulfate Potassium Chloride	Titration	\$69.00
WC0120	Inositol Hexanicotinate	Titration	\$69.00
WC0125	Lithium Citrate	Titration	\$64.00
WC0130	Magnesium ascorbate	Titration	\$64.00
WC0135	Magnesium Chloride Hexahydrate	Titration	\$64.00
WC0140	Magnesium Oxide	Titration	\$64.00
WC0141	Magnesium Sterate	Titration	\$64.00
WC0145	Magnesium Sulfate Heptahydrate	Titration	\$69.00
WC0150	Malic Acid	Titration	\$64.00
WC0155	Manganese Citrate	Titration	\$69.00
WC0160	Manganese Sulfate Monohydrate	Titration	\$69.00
WC0165	Mesodimercapto Succinic Acid (DMSA)	Titration	\$69.00
WC0170	N-Acetyl Cysteine, N-Acetyl L-Cysteine	Titration	\$69.00
WC0175	Ornithine HCl	Titration	\$64.00
WC0180	Para Amino Benzoic Acid (PABA)	Titration	\$69.00
WC0185	Potassium Ascorbate	Titration	\$69.00
WC0190	Potassium Sorbate	Titration	\$69.00
WC0195	Sam-E (S-adenosylmethionine)	Titration	\$69.00
WC0200	Sodium ascorbate	Titration	\$64.00
WC0205	Sodium Citrate Dihydrate	Titration	\$64.00
WC0210	Sodium Hydroxide	Titration	\$64.00
WC0215	Stearic Acid	Titration	\$69.00
WC0220	Succinic Acid	Titration	\$69.00
WC0225	Trimethylglycine (TMG)	Titration	\$69.00
WC0230	Zinc Sulfate Anhydrous	Titration	\$69.00
WC0235	Zinc Sulfate Heptahydrate	Titration	\$69.00



RESIDUAL SOLVENTS

TEST #	TEST	PRICE
CH122	Ethanol	\$134.00
CH123	Methanol	\$134.00
CH125	Acetic Acid	\$134.00
CH130	Ethyl Acetate	\$134.00
CH131	Acetonitrile	\$134.00
CH132	Pyridine	\$134.00
CH133	n-Hexane	\$134.00
CH134	Acetone	\$134.00
CH136	Dichloromethane	\$134.00
CH137	Chlorobenzene	\$134.00
CH138	Cyclohexane	\$134.00
CH139	Toluene	\$134.00
CH140	Benzene	\$134.00

SWABS AND SPONGES

TEST #	TEST	PRICE
MI002C-SP	Aerobic Plate Count Sponge (USP)	\$25.00
MI002C-SW	Aerobic Plate Count Swab (USP)	\$24.00
MI002-SP	Aerobic Plate Count Sponge (FDA-BAM)	\$25.00
MI002-SW	Aerobic Plate Count - Swab (FDA BAM)	\$24.00
MI011-SP	E.coli: Sponge (USP)	\$37.50
MI011- SW	E.coli: Swab (USP)	\$36.00
MI012VD-SP	E.coli: 0157:H7 Sponge (VIDAS)	\$40.00
MI012VD-SW	E.coli: 0157:H7 Swab (VIDAS)	\$39.00
MI020VD-SP	Listeria spp. Sponge (VIDAS)	\$36.00
MI020VD-SW	Listeria spp. Swab (VIDAS)	\$35.00
MI023C-SP	Psuedomonas aeruginosa Sponge (USP)	\$25.00
MI023C-SW	Psuedomonas aeruginosa Swab (USP)	\$24.00
MI026C-SP	Salmonella Sponge (USP)	\$37.00
MI026C-SW	Salmonella Swab (USP)	\$36.00
MI026VD-SP	Salmonella Sponge (VIDAS)	\$41.00
MI026VD -SW	Salmonella Swab (VIDAS)	\$40.00
MI034C-SP	Staphylococcus aureus Sponge (USP)	\$41.00
MI034C-SW	Staphylococcus aureus Swab (USP)	\$40.00
MI037C-SP	Yeast & Mold Sponge (USP)	\$25.00
MI037C-SW	Yeast & Mold Swab (USP)	\$24.00

WATER/WASTEWATER

TEST #	TEST	PRICE
CH002	Chemical Oxygen Demand	\$39.00
CH003	Chloride	\$34.00
CH005	Hardness (Total)	\$45.00
CH006	Nitrate in water	\$49.00
CH007	Nitrite in water	\$50.00
CH012	pH in water	\$31.00
CH013	Solids - Total Dissolved (TDS)	\$27.00
CH014	Solids - Total Suspended (TSS)	\$27.00
CH016	Turbidity	\$30.00



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