

DIETARY SUPPLEMENT TESTING



2025-2026



Agilent Technologies
Center of Excellence

PURITY Laboratories

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



Specialists in laboratory testing dietary supplements for more than 55 years.

Allergens • Amino Acids • Botanicals • Microbiological • Metals • Minerals • Vitamins and Other Supplements • Nutritional Labeling • Pesticide Screens • Shelf Life Testing

Let Us Be Your One-Stop Shop

- Microbiological Analysis
- Chemical Analysis (HPLC-DAD, GC, etc.)
- Metals Analysis (ICP-MS)
- Raw Materials Analysis
- Food Product Analysis
- Nutritional Labeling

- One-Stop Sample Shipping
- Lowest Pricing with price matching
- Quick Turn-Around Times
- Personalized Service

5-7 Days turnaround on most tests with state-of-the-art LC-MS, GC-MS, ICP-MS, HPLC-DAD and rapid allergens and micro testing.



Purity Tested™ - the Gold Standard in Toxicity Testing

Purity Laboratories specializes in testing for potentially toxic compounds including pesticides, heavy metals and chemicals. We offer more than 150 quantative tests for potentially toxic compounds. For customers that order our toxicity panels we offer a certification that your sample has been purity tested.

This brochure presents our most requested tests and capabilities. If the test you require is not listed, please contact us at 503.297.3636 - we will make every attempt to accommodate your requests.

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Expertise in environmental testing

ABOUT PURITY LABORATORIES

Purity Laboratories, Inc. (Purity), has been serving our customers for more than 55 years with accurate, precise and comprehensive environmental laboratory testing.

We have deep experience in testing a broad range of food and dietary supplement products from raw ingredients to finished products. And, experience counts to meet the regulatory requirements of the dietary supplement industry and to ensure the safety and purity of your products.

Purity is accredited to ISO/IEC 17025:2017 standards, generally considered by the global scientific community as the "gold standard" for demonstrating accuracy and high proficiencies in laboratory testing and calibrations.

Purity also has the high honor of being the first commercial center of excellence for Agilent Technologies, the leader in mass spectrometry testing equipment. We offer precise analysis with state-of-the art equipment including LC-MS, ICP-MS, GC-MS, HPLC-DAD and rapid microbiology testing instruments.

Purity is also CLIA (Clinical Laboratory Improvement Amendments) certified, which means that it meets government requirements for testing human specimens for health assessments.







TESTING DIETARY SUPPLEMENTS

Purity Laboratories (Purity) has specialized in testing dietary supplements for more than 55 years. Our experience enables us to offer our customers a vast menu of test options for the diverse market of dietary supplements.

Purity is committed to deliver accurate, reliable, and timely laboratory testing that helps our customers ensure the quality and safety of their products. Purity's standards for excellence in laboratory testing include the following:

ISO/IEC 17025:2017 Accreditation

For dietary supplements where quality and accuracy are paramount, the ISO/IEC 17025:2017 accreditation distinguishes Purity's commitment to excellence in every aspect of its operations.

The ISO/IEC 17025:2017 standard sets forth specific requirements for the competence, impartiality, and consistent operation of laboratories. To achieve this certification, Purity has undergone rigorous assessment to demonstrate its compliance with both the technical requirements and management systems outlined in the following areas:

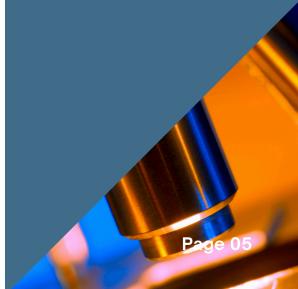
- **Technical Competence:** The certification reflects Purity's ability to produce precise and accurate test results, adhering to validated methods, quality control procedures, and industry best practices.
- Quality Management System: Purity's quality management system is aligned with the international standard, encompassing everything from document control to corrective actions, ensuring that quality permeates every aspect of the laboratory's operation.
- Continuous Improvement: Compliance with ISO/IEC 17025:2017 means a commitment to ongoing improvement. Regular internal and external audits, as well as participation in proficiency testing, ensure that Purity maintains its high standard of excellence.

(Continued on next page)

50%+ of Americans take supplements daily

U.S. supplement sales were \$65-\$70 billion in 2025

Global market for supplements reached an estimated \$210 billion in 2025.



Our State-of-the-Art Equipment Incudes

Liquid Chromotography - Mass Spectrometry (LC-MS)

Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Gas Chromotography - Mass Spectrometry (GC-MS)

High-Performance Liquid Chromotography (HPLC)

TESTING DIETARY SUPPLEMENTS

- **Global Recognition:** Holding this certification means that Purity is recognized globally for its testing competence. It fosters trust among clients and regulatory bodies, paving the way for broader collaboration and acceptance of test results across international borders.
- **Customer Focus:** The ISO/IEC 17025:2017 standard emphasizes customer satisfaction, and Purity takes this to heart. By aligning with this standard, Purity ensures that it meets customer expectations and regulatory requirements, building strong relationships with stakeholders.
- Impartiality and Confidentiality: Integrity, impartiality, and confidentiality are integral to the standard, and Purity upholds these principles, ensuring unbiased results and safeguarding client information.

Precision and Accuracy at Its Core

Excellence in laboratory testing is about providing results that are both precise and accurate. Through cutting-edge methodologies, Purity can detect and quantify nutrients, contaminants, and adulterants with unparalleled accuracy. This level of detail ensures that products are free from harmful substances and align with their labeled claims.

Adherence to Regulatory Standards

Regulatory compliance is the backbone of quality control in dietary supplements. Excellence in laboratory testing means strict adherence to standards set by authorities such as the United States Pharmacopeia (USP), the Food and Drug Administration (FDA), and other international bodies. These standards ensure that the testing methods are consistent, verifiable, and meet the specific needs of the industry.

Innovative Technologies for Comprehensive Analysis

The field of dietary supplement testing is always evolving, and embracing innovation is key to staying at the forefront. By utilizing the latest technologies, Purity offers more comprehensive analyses that consider the diverse aspects of a supplement's composition.

Tailored Solutions for Diverse Products

The world of dietary supplements is diverse, ranging from vitamins and minerals to herbal extracts and probiotics. Purity recognizes this diversity and offers tailored solutions to meet the unique requirements of each sample tested.

PRICES & CAPABILITIES

14 0 8 • ALLERGENS • MICROBIOLOGY PACKAGES • NUTRITIONAL PANEL 0 9 • TOXICITY TESTS • VITAMINS 10 15 • AMINO ACIDS • OTHER INGREDIENTS 16 11 • OTHER • FOOD CHEMISTRY INGREDIENTS • HEAVY METALS PACKAGES 17 • RESIDUAL SOLVENTS • WASTEWATER • HEAVY METALS 18 • SWABS AND MICROBIOLOGY SPONGES

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 deckare nine allergens on their labels. These include milk, eggs, wheat, peanuts, tree nuts, soy, fish, crustaceans and sesame.





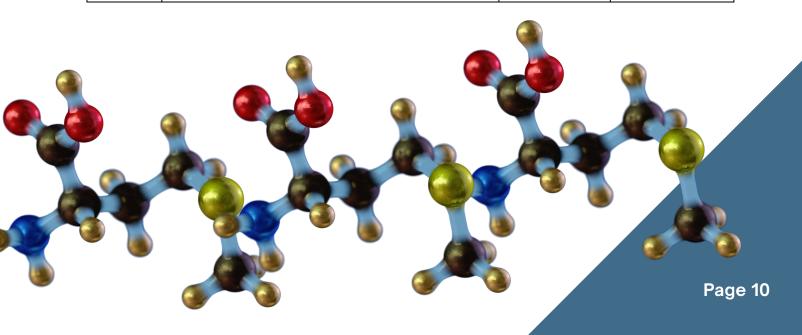
VITAMINS

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
СН098	Vitamin B5 (Pantothenic Acid)	HPLC	\$135.00
CH025	Vitamin B6 (Pyridoxine)	HPLC	\$135.00
СН099	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 HCI	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	рН	\$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

^{*}Included in the 24 Metals package

A digestion fee will be added per sample when not ordered as a panel/package.

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 PANEL

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 HCI	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 HCI	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

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

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	Ecoli: 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

SUBMIT ASAMPLE

Everything we do at Purity Labs, from our testing approach to the way we treat your samples, is designed to maintain the integrity of your test results. Instructions follow for best results.

Raw Ingredient



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 Labs cannot accept unidentified samples.

Please contact Purity Labs for guidance on an appropriate sample size for your submission.

SHIPPING YOUR SAMPLE

To ensure the integrity and security of samples sent to Purity Laboratories, we ask that our customers observe the following guidelines when shipping samples:

- Secure each supplement 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.

SAMPLE COLLECTION AND PREPARATION (continued)

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

- If you would like your sample or shipping coolers sent back to you, please provide your UPS or FEDEX account number or include a return label with your sample.
- Additional fees may apply for sample return or disposal.

Note: Please ship your samples to arrive during the business week (Monday-Friday).

Purity is not open to receive samples on the weekend, however, if you have an emergency, we will make every attempt to accommodate the delivery.



SAMPLE PRIVACY

At Purity, we understand how important privacy is to our customers, which is exactly why we've made it a priority to provide full confidentiality to all of our partners for more than five decades. We've achieved this by establishing not only the right systems, but also the right team to oversee the handling of your product. The graph below highlights how we preserve the anonymity and integrity of your samples.

SAMPLE ENTRY

Purity's well trained receiving staff processes all samples received by 2 p.m. on the same day. We receive most samples by UPS, Fedex or drop-offs.

Analysis deadlines are prioritized based on the date received or requested or requested turnaround time. We will call you if clarification is required.

Information you provided on our Chain of Custody form is entered in our LIM system to ensure we test your sample according to your specifications. Your sample is assigned a unique ID # to track its movement through our lab.

SAMPLE HANDLING

Samples are homogenously prepared as a composite or individually if instructed by our customer.

Homogenized samples are placed in special, sealed containers and stored in appropriate conditions until analyzed. A portion of the sample is stored for reference for 60 days.

Samples are labeled with their assigned unique ID #s to ensure that the correct data from our LIMS system for that sample will be used during analysis..

LABORATORY TESTING

Samples are pulled from storage for analyses. Tests are performed according to Purity's approved methods by our lab technicians.

Tests results are calculated primarly by our LIMS system that generates a printed report. The test results and report are reviewed by the lab technician before submission for final review.

Purity's administrative staff compiles the test results with all related documents for review by our QC department and approved for release to the customer if correct.

REPORTING RESULTS

Customers choose the method that they want to receive their test results, either by e-mail, mail, fax or by access through our website.

If you have questions about your test results, please contact our Laboratory Manager at 503.297.3636 (switchboard) or 503.974.0925.

PUR Labora	JTY distories			equest F f Custod			Oswego, Ore Phone #: 503 Fax #: 503 www.purityla	-297-3636 -297-3738	
General Instructions: Please complete this form and send			Turnarou			nd Time*			
along with samples to the above address. * - Required Information			within	☐ Standard within 5-7 business days depending on requested tests			Rush (Fee Applies) Call for availability – applies to chemistry testing only		
Client Information*				Billing Informati			ion* Same as Client		
Contact:				Contact:					
Company:				Address:					
Address:									
				PO #:					
Email:				Email:					
Phone #:		Fax #:		Phone #:		Fax #:			
Report*	Email Additiona						Invoice*	☐ Email ☐ Fax	
- 0		information regarding test s	amples below	. This information	will appear on lab	report. Use another			
About the sample	Sample #1	Sample #2						Sample #5	
Description*									
Lot Number									
Date & Time Sampled									
Requested Test(s)* with Purity Test Number*, include methods and/or specifications, if necessary									
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G:	Relinquished B	y (Client)*		G: .	Received	By (Lab use on	ly):		
Signature: Print:				Signature: Print:					
Date:		Time:		Date:		Time:			
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Available to download on Purity's website at www.puritylabsinc.com



TERMS OF SERVICE

- 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.
- 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, tests 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.
- Rush Testing: Rush testing is available, subject to laboratory capacity, for an additional surcharge, normally double the published price for the test or



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- 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.puirtylabsinc.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.
- 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



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- 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.
- 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.
- 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.



Special Offer

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