

FOR MORE THAN

50

Years

DIETARY SUPPLEMENT TESTING 2022



ISO/IEC 17025:2017

CERTIFIED LABORATORY



Agilent Technologies
Center of Excellence

PURITYTM
Laboratories

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



Specialists in laboratory testing
dietary supplements for
more than 50 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



Purity Tested™ - the Gold Standard in Toxicity Testing

In 2011, we introduced our proprietary Purity Tested™ testing protocol, which remains the gold standard in toxicity testing in the nutraceutical industry. Order any of our Purity Tested™ panels to use the Purity Tested™ Gold Seal on your promotional material, labels or Certificate of Analysis.

350, 550 and 900+ compound panels available.

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

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 50 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 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 has been an ISO 17025 accredited laboratory since 2014, demonstrating continuous proficiencies in laboratory operations. Our current certification is ISO/IEC 17025:2017. If you want fast, competent lab services you can trust your testing to Purity.



ISO/IEC 17025:2017
CERTIFIED LABORATORY



CLIA
CERTIFIED
LABORATORY



TESTING DIETARY SUPPLEMENTS

Supplement companies test their raw materials and finished goods to ensure the efficacy and safety of their products.

In the U.S., the Food and Drug Administration has primary oversight for the dietary supplement industry. The United States Pharmacopeia (USP) sets official standards for dietary supplements.

Laws that directly impact dietary supplements include the Dietary Supplement Health and Education Act (DSHEA), Nutrition Labeling and Education Act (NLEA), Federal Food Drug and Cosmetic Act (FFDCA), the Fair Packaging and Labeling Act, Bioterroism Act, Food Allergen Labelling Act, Dietary Supplement and Non-prescription Drug Consumer Protection Act.

Testing dietary supplements is a specialty that requires years of experience to do well because, among other reasons, of the vast range of ingredients and components that are used by supplement manufacturers.

Purity has more than 50 years of experience testing dietary supplements. Not only are we skilled at all aspects of dietary supplement testing -
- WE'RE PASSIONATE ABOUT IT!

**50%+ of Americans
take supplements daily**

**U.S. supplement sales
in 2021 reached
\$71.81 billion.***

**Global market for
supplements estimated to
grow to \$128.64 billion
by 2028.***

*"Dietary Supplements Market Size, Share and Covid-19 Impact Analysis . . .", Fortune Business Insights, January 2022, <https://www.fortunebusinessinsights.com/dietary-supplements-market-102082>.

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AMINO ACIDS

TEST #	TEST	METHOD	PRICE
CH111	L-Leucine	Titration	\$68.00
CH160	Aspartic Acid	Titration	\$65.00
CH161	Betaine HCl	Titration	\$65.00
CH162	L-Creatine	Titration	\$65.00
CH163	L-Cysteine	Titration	\$68.00
CH164	Dimethylglycine	Titration	\$68.00
CH165	L-Glycine	Titration	\$68.00
CH166	L-Arginine	Titration	\$68.00
CH167	L-Asparagine Monohydrate	Titration	\$68.00
CH168	L-Carnosine	Titration	\$68.00
CH169	L-Glutamine	Titration	\$68.00
CH171	L-Isoleucine	Titration	\$68.00
CH172	L-Lysine	Titration	\$68.00
CH173	L-Methionine	Titration	\$68.00
CH174	L-Phenylalanine	Titration	\$68.00
CH175	L-Proline	Titration	\$68.00
CH176	L-Serine	Titration	\$68.00
CH178	L-Taurine	Titration	\$68.00
CH179	L-Theanine	Titration	\$68.00
CH180	L-Threonine	Titration	\$68.00
CH181	L-Tyrosine	Titration	\$68.00
CH182	L-Valine	Titration	\$68.00

ALLERGENS

TEST #	TEST	PRICE
CH053	Gluten	\$74.00
CH054	Milk	\$74.00
CH055	Peanut	\$74.00
CH056	Soy	\$74.00
CH057	Egg	\$74.00
CH143	Almond	\$74.00
CH144	Coconut	\$74.00
CH145	Hazelnuts	\$74.00
CH146	Sesame	\$74.00
CH147	Fish	\$74.00
CH148	Shellfish	\$74.00
CH800	5-Allergen Panel	\$320.00
	Gluten, Milk, Peanut, Soy, Egg	



MICROBIOLOGY

TEST #	TEST	METHOD	PRICE
MI002	Aerobic Plate Count	FDA-BAM	\$20.00
MI002C	Aerobic Plate Count	USP	\$20.00
MI003	Anaerobic Plate Count	USP	\$29.00
MI004	Coliforms/E. coli (9 tube)	FDA BAM	\$39.00
MI006	Coliforms/E. coli Confirmation	FDA BAM	\$42.00
MI007	Coliforms/Fecal Coliforms	FDA BAM	\$39.00
MI009	Coliforms/Fecal Coliforms Confirmation	FDA BAM	\$42.00
MI010	Total Coliforms/E. coli (Petrifilm)	AOAC	\$24.00
MI011	E. coli	USP	\$35.00
MI012VD	E. coli O157:H7 (25 g)	VIDAS	\$38.00
MI013VD	E. coli O157:H7 (375 g)	VIDAS	\$86.00
MI014	E. coli O157H7 Confirmation Step 1	VARIOUS	\$45.00
MI015	E. coli O157H7 Confirmation Step 2	VARIOUS	\$70.00
MI016	Enterobacteriaceae (Petrifilm)	AOAC	\$30.00
MI017	Gram Stain	STAINING	\$26.00
MI018	Lactic Acid Bacteria Count	SMEDP	\$35.00
MI019	Lactobacillus Count	SMEDP	\$35.00
MI020VD	Listeria spp.	VIDAS	\$34.00
MI021	Listeria spp. Confirmation Step 1	VARIOUS	\$45.00
MI022	Listeria spp. Confirmation Step 2	VARIOUS	\$70.00
MI023	Pseudomonas aeruginosa	USP	\$22.00
MI024	Pseudomonas aeruginosa Conf. Step 1	VARIOUS	\$35.00
MI058	Pseudomonas aeruginosa Conf. Step 2	VARIOUS	\$60.00
MI025	Salmonella	USP	\$35.00
MI026VD	Salmonella (25 g)	VIDAS	\$38.00
MI027VD	Salmonella (375 g)	VIDAS	\$75.00
MI028	Salmonella spp. Confirmation Step 1	VARIOUS	\$55.00
MI029	Salmonella spp. Confirmation Step 2	VARIOUS	\$70.00
MI032	Staphylococcus aureus (Petrifilm)	AOAC	\$23.00
MI033	Staphylococcus aureus	FDA BAM	\$28.00
MI034	Staphylococcus aureus	USP	\$39.00
MI037	Yeast & Mold	FDA BAM	\$22.00
MI038	Heterotrophic plate count (1 mil)	Pour Plate	\$26.00
MI039	Heterotrophic plate count (100 mil)	Membrane Filtr.	\$35.00
MI040	Potability	Colliert Test Kit	\$37.00
MI045	Composting Fee (each)	N/A	\$19.00
MI052	Yeast & Mold (Petrifilm)	AOAC	\$22.00
MI053	Yeast & Mold	USP	\$22.00
MI054	Enterococcus	SMEDP	\$42.00
MI055	Enterobacteriaceae	USP	\$27.00
MI059	Staphylococcus aureus Confirmation Step 1	VARIOUS	\$45.00
MI064	Staphylococcus aureus Confirmation Step 2	VARIOUS	\$70.00
MI080	Bacillus cereus	FDA BAM	\$58.00



Purity offers rapid VIDAS testing:

Extremely fast!

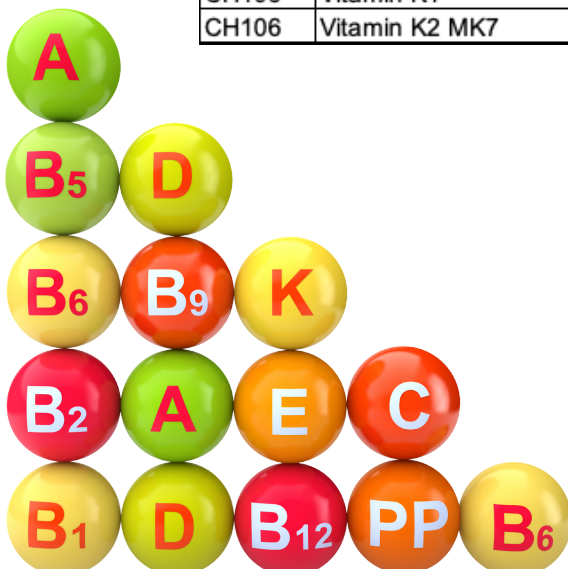
Extremely accurate!

MICROBIOLOGY PANELS

TEST #	TEST	PRICE
MI041	Microscreen #1 : Aerobic Plate Count, Total Coliforms / E. coli (Petrifilm), Yeast & Mold	\$60.00
MI142	Microscreen #2: Aerobic Plate Count, Total Coliforms / E. coli (MPN), Yeast & Mold	\$78.00
MI043	Pathogen Screen: Listeria spp., E. coli, Salmonella, Staphylococcus aureus, Pseudomonas aeruginosa	\$151.00
MI0100	USP Screen: Aerobic plate count , Y/M count , TC/EC, Pseudomonas, Staphylococcus, Bile tolerant, E.coli, Salmonella	\$99.00
MI101	Micro Package #2: Aerobic plate count , Y/M count , TC/EC , Pseudomonas, Staphylococcus, Bile tolerant, E.coli, Salmonella, Listeria	\$117.00
MI044	Shelf Life Study (Real Time)	QUOTED
MI045	Compositing Fee	\$20.00

VITAMINS

TEST #	TEST	METHOD	PRICE
CH019	Vitamin A (Acetate, Palmitate)	HPLC	\$110.00
CH128	Vitamin A (Beta Carotene)	HPLC	\$135.00
CH022	Vitamin B1 (Thiamin Mononitrate)	HPLC	\$128.00
CH023	Vitamin B2 (Riboflavin)	HPLC	\$130.00
CH024	Vitamin B3 (Niacin, Niacinamide)	HPLC	\$128.00
CH098	Vitamin B5 (Pantothenic Acid)	HPLC	\$128.00
CH025	Vitamin B6 (Pyrodoxine)	HPLC	\$128.00
CH099	Vitamin B7 (Biotin/Vitamin H)	HPLC	\$140.00
CH100	Vitamin B9 (Folic/Folinic)	HPLC	\$132.00
CH097	Vitamin B12 (Methylcobalamin)	ICP-MS	\$92.00
CH026	Vitamin C	Titration	\$115.00
CH021	Vitamin D (HPLC)	HPLC	\$126.00
CH021LC	Vitamin D (LC-MS)	LC-MS	\$132.00
CH020	Vitamin E (Alpha Tocopherol, Acetate)	HPLC	\$110.00
CH105	Vitamin K1	HPLC	\$135.00
CH106	Vitamin K2 MK7	HPLC	\$135.00



OTHER INGREDIENTS

TEST #	TEST	METHOD	PRICE
CH096	Caffeine	HPLC	\$ 124.00
CH101	Resveratrol	HPLC	\$ 132.00
CH103	Co-Enzyme Q10	HPLC	\$ 132.00
CH107	Melatonin	HPLC	\$ 132.00
CH109	GABA	Titration	\$ 67.00
CH110	Acetyl L-Carnatine, Carnitine	Titration	\$ 67.00
CH115	PABA	HPLC	\$ 132.00
CH116	Pyridoxal-5-Phosphate (P-5-P)	HPLC	\$ 124.00
CH117	5-MTHF	HPLC	\$ 135.00
CH118	5-Hydroxytryptophan	HPLC	\$ 134.00
CH124	Inositol	HPLC	\$ 140.00
CH300	Glyphosate/AMPA	HPLC	\$ 300.00
WC0010	Adipic Acid	Titration	\$ 62.00
WC0015	Alpha Ketoglutaric Acid	Titration	\$ 67.00
WC0020	Alpha Lipoic Acid	Titration	\$ 67.00
WC0025	Arginine HCl	Titration	\$ 67.00
WC0040	Calcium Alpha Ketoglutarate	Titration	\$ 67.00
WC0045	Calcium Ascorbate	Titration	\$ 62.00
WC0050	Calcium Carbonate	Titration	\$ 62.00
WC0055	Calcium Citrate Tetrahydrate	Titration	\$ 62.00
WC0060	Calcium D-Glutarate	Titration	\$ 67.00
WC0065	Choline Dihydrogen Citrate	Titration	\$ 67.00
WC0070	Citric Acid	Titration	\$ 62.00
WC0080	Di-Calcium Phosphate Anhydrous	Titration	\$ 62.00
WC0085	Di-Calcium Phosphate Dihydrate	Titration	\$ 62.00
WC0090	Dimethylaminoethanol (DMAE)	Titration	\$ 67.00
WC0095	Dimethylaminoethanol Bitartrate	Titration	\$ 67.00
WC0100	DMG in Finished Product	Titration	\$ 67.00
WC0105	GABA	Titration	\$ 67.00
WC0110	Glucosamine Sulfate	Titration	\$ 67.00
WC0115	Glucosamine Sulfate Potassium Chloride	Titration	\$ 67.00
WC0120	Inositol Hexanicotinate	Titration	\$ 67.00
WC0125	Lithium Citrate	Titration	\$ 62.00



OTHER INGREDIENTS

(Continued)

TEST #	TEST	METHOD	PRICE
WC0130	Magnesium ascorbate	Titration	\$ 62.00
WC0135	Magnesium Chloride Hexahydrate	Titration	\$ 62.00
WC0140	Magnesium Oxide	Titration	\$ 62.00
WC0145	Magnesium Sulfate Heptahydrate	Titration	\$ 67.00
WC0150	Malic Acid	Titration	\$ 62.00
WC0155	Manganese Citrate	Titration	\$ 67.00
WC0160	Manganese Sulfate Monohydrate	Titration	\$ 67.00
WC0165	Mesodimercaptosuccinic acid (DMSA)	Titration	\$ 67.00
WC0170	N-Acetyl Cysteine, N-Acetyl L-Cysteine	Titration	\$ 67.00
WC0175	Ornithine HCl	Titration	\$ 62.00
WC0180	Para Amino Benzoic Acid (PABA)	Titration	\$ 67.00
WC0185	Potassium Ascorbate	Titration	\$ 67.00
WC0190	Potassium Sorbate	Titration	\$ 67.00
WC0195	SAM-e (S-adenosylmethionine)	Titration	\$ 67.00
WC0200	Sodium ascorbate	Titration	\$ 62.00
WC0205	Sodium Citrate Dihydrate	Titration	\$ 62.00
WC0210	Sodium Hydroxide	Titration	\$ 62.00
WC0215	Stearic Acid	Titration	\$ 67.00
WC0220	Succinic Acid	Titration	\$ 67.00
WC0225	Trimethylglycine (TMG)	Titration	\$ 67.00
WC0230	Zinc Sulfate Anhydrous	Titration	\$ 67.00
WC0235	Zinc Sulfate Heptahydrate	Titration	\$ 67.00



HEAVY METALS

TEST #	TEST	PRICE
CH059	Aluminum*	\$15.00
CH060	Antimony*	\$15.00
CH061	Arsenic*	\$15.00
CH062	Barium*	\$15.00
CH063	Beryllium *	\$15.00
CH064	Boron	\$15.00
CH065	Cadmium*	\$15.00
CH066	Calcium	\$15.00
CH067	Chromium*	\$15.00
CH068	Cobalt*	\$15.00
CH069	Copper*	\$15.00
CH070	Iron	\$15.00
CH071	Lead*	\$15.00
CH072	Magnesium	\$15.00
CH073	Manganese	\$15.00
CH074	Mercury*	\$15.00
CH075	Molybdenum*	\$15.00
CH076	Nickel*	\$15.00
CH077	Palladium*	\$15.00
CH078	Phosphorus	\$15.00
CH079	Platinum*	\$15.00
CH080	Potassium	\$15.00
CH081	Selenium*	\$15.00
CH082	Silver*	\$15.00
CH083	Sodium	\$15.00
CH084	Thallium*	\$15.00
CH085	Tungsten*	\$15.00
CH086	Tin*	\$15.00
CH087	Uranium*	\$15.00
CH088	Vanadium*	\$15.00
CH089	Zinc*	\$15.00
CH090	Digestion Fee	\$28.00

*Indicates metals included in Purity's 24 Metals Panel.
Add digestion fee to each sample submitted for testing.

HEAVY METALS PACKAGES

TEST #	TEST	PRICE
CH114	Heavy Metals (4): As, Cd, Pb, Hg	\$72.00
CH095	5 Heavy Metals Package: Cadmium, Lead, Arsenic, Chromium and Mercury	\$92.00
CH091	8 RCRA Heavy Metals Package: Cadmium, Chromium, Lead, Arsenic, Barium, Silver, Selenium, and Mercury	\$122.00
CH092	9 USP Heavy Metals Package: Cadmium, Lead, Arsenic, Silver, Mercury, Antimony, Tin, Copper, and Molybdenum	\$132.00
CH119	24 Heavy Metal Panel (indicated by *)	\$250.00
	Label Claim Macro Elements	\$55.00

Digestion fee is included in Heavy Metals Packages.

FOOD CHEMISTRY

TEST #	TEST	PRICE
CH031	Ash / Residue on Ignition	\$23.00
CH032	Moisture	\$24.00
CH033	Protein	\$62.00
CH034	Fat	\$39.00
CH035	Alcohol Content	\$67.00
CH036	Acidity	\$27.00
CH037	Aflatoxin	\$129.00
CH038	Brix	\$26.00
CH039	Chlorophyll	\$60.00
CH040	Free Fatty Acid	\$51.00
CH043	Peroxide Value	\$60.00
CH044	pH	\$18.00
CH045	Salt	\$34.00
CH047	Water Activity	\$30.00
CH048	Water Phase Salt	\$61.00
CH049	Nitrate (ppm)	\$86.00
CH050	Nitrites (ppm)	\$86.00

NUTRITIONAL PANEL

TEST #	TEST	PRICE
CH058	Total Calories, Calories from Fat, Carbohydrates, Protein, Ash, Moisture	\$200.00



WASTEWATER

TEST #	TEST	PRICE
CH002	Chemical Oxygen Demand	\$38.00
CH003	Chloride	\$32.00
CH005	Hardness (Total)	\$42.00
CH006	Nitrate in water	\$46.00
CH007	Nitrite in water	\$48.00
CH012	pH in water	\$18.00
CH013	Solids - Total Dissolved (TDS)	\$26.00
CH014	Solids - Total Suspended (TSS)	\$26.00
CH016	Turbidity	\$29.00

SWABS & SPONGES

TEST #	TEST	PRICE
MI002	Aerobic Plate Count	\$19.50
MI012VD	E. coli: 0157:H7	\$42.00
MI020VD	Listeria spp.	\$34.00
MI023	Pseudomonas aeruginosa	\$22.00
MI026VD	Salmonella	\$38.00
MI033	Staphylococcus aureus	\$22.00
MI037	Yeast & Mold	\$22.00

RESIDUAL SOLVENTS

TEST #	TEST	PRICE
CH122	Ethanol	\$132.00
CH123	Methanol	\$132.00
CH125	Acetic Acid	\$132.00
CH130	Ethyl Acetate	\$132.00
CH131	Acetonitrile	\$132.00
CH132	Pyridine	\$132.00
CH133	n-Hexane	\$132.00
CH134	Acetone	\$132.00
CH135	Ethyl Alcohol	\$132.00
CH136	Dichloromethane	\$132.00
CH137	Chlorobenzene	\$132.00
CH138	Cyclohexane	\$132.00
CH139	Toluene	\$132.00
CH140	Benzene	\$132.00

TOXICITY PANELS

TEST #	TEST	PRICE
CH350	Toxicity Panel #1 (350 Contaminants)	\$140.00
CH520	Toxicity Panel #2 (500 Contaminants)	\$170.00
CH932	Toxicity Panel #3 (900+ Contaminants)	\$300.00

Advancing the Standards

Our proprietary Purity Tested™ test panel for 900+ Contaminants (CH932), is one the most comprehensive tests offered in the dietary supplement industry for detecting potentially harmful toxic compounds.

The panel includes tests for more than 900 compounds that are known as potentially harmful to human health, including pesticides, fungicides, insecticides, biocides, herbicides, other chemicals and 24 heavy metals.

Dietary supplement manufacturers and raw ingredient suppliers are successfully using this test to broaden their market appeal.

Customers who purchase our 900+ toxic compounds test, will be authorized to use our Purity Tested™ seal on their promotional materials.



900+ Pesticides/Chemicals Scan

List 1 of 4

No.	Pesticide/Chemical	No.	Pesticide/Chemical	No.	Pesticide/Chemical	No.	Pesticide/Chemical
1	2-Ethyl-1,3-hexanediol	60	2,4'-Dichlorobenzophenone	120	Aziprotryne	180	Bromuconazole II
2	2,3,5-Trichlorophenol	61	2,6-Dichlorobenzamide	121	Azobenzene	181	Bufencarb
3	2,3,6-Trichloroanisole	62	2,6-Dichlorobenzonitrile	122	Azoxybenzene	182	Bupirimate
4	2,4-Dimethylaniline	63	2,6-Dimethylaniline	123	Azoxystrobin	183	Buprofezin
5	3-Chloro-4-methoxyaniline	64	3-Aminophenol	124	b-Estradiol	184	Butachlor
6	3-Indolylacetoneitrile	65	3-Chloro-4-fluoroaniline	125	Barban	185	Butafenacil
7	3,5-Dichloroaniline	66	3-Chloroaniline	126	Beflubutamid	186	Butamifos
8	Chloroneb	67	3-Hydroxycarbofuran	127	Benalaxyl	187	Butoxycarboxim
9	Flurochloridone, deachloro-	68	3-Trifluormethylaniline	128	Benazolin-ethyl	188	Butralin
10	Folpet	69	3,4-Dichloroaniline	129	Bendiocarb	189	Butyl benzyl phthalate
11	Isofenphos-oxon	70	3,4,5-Trimethacarb	130	Benfluralin	190	Butylate
12	Isomethiozin	71	4-Aminodiphenyl	131	Benfuracarb	191	Butylated hydroxyanisole
13	Isoproturon	72	4-Bromoaniline	132	Benfuresate	192	Cadusafos
14	Mecarbam	73	4-Chloro-2-methylaniline	133	Benodanil	193	Cafenstrole
15	Metolachlor	74	4-Chloro-3-methylphenol	134	Benoxacor	194	Caffeine
16	Phenoxyacetic acid	75	4-Chloroaniline	135	Bentazone R	195	Captafol
17	Profenofos metabolite	76	4-Chlorophenyl isocyanate	136	Bentazone methyl derivative	196	Captan
18	1-naphthalenol	77	4-Isopropylaniline	137	Benthiocarb	197	Carbaryl
19	1,2-Dibromo-3-chloropropane	78	4-Methylphenol	138	Benzene, 1,3-bis(bromomethyl)	198	Carbetamide
20	1,2,4-Trichlorobenzene	79	4-Nitrophenol	139	Benzenesulfonamide	199	Carbofuran
21	1,3-Dichlorobenzene	80	4-Nonylphenol	140	Benzidine	200	Carbofuran-3-keto
22	1,3,5-Tribromobenzene	81	4,4'-Dichlorobenzophenone	141	Benzo(a)anthracene	201	Carbofuran-7-phenol
23	17a-Ethynylestradiol	82	4,4'-Oxydianiline	142	Benzo(a)pyrene	202	Carbophenothion
24	2-(1-naphthyl)acetamide	83	4,6-Dinitro-o-cresol (DNOC)	143	Benzo[b]fluoranthene	203	Carbosulfan
25	2-(2-Butoxyethoxy)ethyl	84	4,6-Dinitro-o-cresol (DNOC)	144	Benzo[g,h,i]perylene	204	Carboxin
26	2-(Octylthio)ethanol	85	5,7-Dihydroxy-4'-methoxyiso...	145	Benzo[k]fluoranthene	205	Carfentrazone-ethyl
27	2-[3-Chlorophenoxy]propiona	86	9,10-Anthraquinone	146	Benzophenone	206	Carpropamid
28	2-Chlorophenol	87	Acenaphthene	147	Benzoximate metabolite	207	Carvone
29	2-Ethyl-1,3-hexanediol	88	Acenaphthylene	148	Benzoylprop ethyl	208	Cashmeran
30	2-ethyl-6-methylaniline	89	Acephate	149	Benzyl benzoate	209	Cekafix
31	2-Hydroxyestradiol	90	Acequinocyl	150	BHC alpha isomer	210	Celestolide
32	2-Methylphenol	91	Acetamidrid	151	BHC beta isomer	211	Chinomethionat
33	2-Nitrophenol	92	Acetochlor	152	BHC delta isomer	212	Chloramben methyl ester
34	2-Phenoxypropionic acid	93	Acifluorfen methyl ester	153	BHC epsilon isomer	213	Chloranocryl
35	2,3,4,5-Tetrachloronitroben	94	Acclonifen	154	Bifenazate metabolite	214	Chlorbenside
36	2,3,4,5-Tetrachlorophenol	95	Acrinathrin	155	Bifenox	215	Chlorbenside sulfone
37	2,3,4,6-Tetrachlorophenol	96	Alachlor	156	Bifenthrin	216	Chlorbicyclen
38	2,3,5-Trichlorophenol	97	Aldrin	157	Binapacryl	217	Chlorbromuron
39	2,3,5-Trimethacarb	98	Allidochlor	158	Bioallethrin	218	Chlorbufam
40	2,3,5,6-Tetrachloro-p-terph...	99	Ametryn	159	Bioallethrin S-cyclopentenyl	219	Chlordecone
41	2,3,5,6-Tetrachlorophenol	100	Amidithion	160	Bioremethrin	220	Chlordene, trans-
42	2,3,7,8-Tetrachlorodibenzo-...	101	Aminocarb	161	Biphenyl	221	Chlordimeform
43	2,3,7,8-Tetrachlorodibenzof...	102	Amitraz	162	Bis(2-butoxyethyl) phthalate	222	Chlorethoxyfos
44	2,4-D methyl ester	103	Amitraz metabolite	163	Bis(2-ethylhexyl)phthalate	223	Chlorfenapyr
45	2,4-D sec-butyl ester	104	Ancymidol	164	Bis(2,3,3,3-tetrachloroprop...	224	Chlorfenethol
46	2,4-DB methyl ester	105	Anilazine	165	Bisphenol A	225	Chlorfenprop-methyl
47	2,4-Dichlorophenol	106	Aniline	166	Bitertanol I	226	Chlorfenson
48	2,4-Dichlorophenyl benzenes	107	Anilofos	167	Bitertanol II	227	Chlorfenvinphos
49	2,4-Dimethylphenol	108	Anthracen	168	Boscalid (Nicobifen)	228	Chlorfenvinphos, cis-
50	2,4,5-T methyl ester	109	Aramite I	169	Bromacil	229	Chlorfenvinphos, trans
51	2,4,5-Trichloro-p-terphenyl	110	Aramite II	170	Bromfenvinphos-(Z)	230	Chlorfurecol-methyl ester
52	2,4,5-Trichloroaniline	111	Atraton	171	Bromfenvinphos-E	231	Chlormefos
53	2,4,5-Trichlorophenol	112	Atrazine	172	Bromobutide	232	Chlornitrofen
54	2,4,5-Trimethylaniline	113	Atrazine-desethyl	173	Bromocyclen	233	Chlorobenzilate
55	2,4,5,6-Tetrachloro-m-xylene	114	Azaconazole	174	Bromophos	234	Chloropropylate
56	2,4,6-Tribromoanisole	115	Azamethiphos	175	Bromophos-ethyl	235	Chlorothalonil
57	2,4,6-Tribromophenol	116	Azibenzolar-S-methyl	176	Bromopropylate	236	Chlorotoluron
58	2,4,6-Trichloroanisole	117	Azinphos-ethyl	177	Bromoxynil	237	Chlorpropham
59	2,4,6-Trichlorophenol	118	Azinphos-methyl	178	Bromoxynil octanoic acid ester	238	Chlorpyrifos
		119	Aziprotryn metabolite	179	Bromuconazole I	239	Chlorpyrifos Methyl

900+ Pesticides/Chemicals Scan

List 2 of 4

No.	Pesticide/Chemical	No.	Pesticide/Chemical	No.	Pesticide/Chemical	No.	Pesticide/Chemical
240	Chlorthal-dimethyl	300	Di-allate II	360	Dinocap I	420	Ethoxyquin
241	Chlorthiamid	301	Di-n-butylphthalate	361	Dinocap II	421	Ethylenthionurea
242	Chlorthion	302	Di-n-hexyl phthalate	362	Dinocap III	422	Etoxazole
243	Chlorthiophos	303	Di-n-nonyl phthalate	363	Dinocap IV	423	Etridiazole
244	Chlorthiophos sulfone	304	Di-n-octyl phthalate	364	Dinoseb	424	Etridiazole, deschloro-
245	Chlorthiophos sulfoxide	305	Di-n-propyl phthalate	365	Dinoseb acetate	425	Etrifos
246	Chlozolate	306	Dialifos	366	Dinoseb methyl ether	426	Eugenol
247	Chrysene	307	Diamyl phthalate	367	Dinoterb	427	Exaltolide
248	Cinerin I	308	Diazinon	368	Dinoterb acetate	428	Famoxadon
249	Cinerin II	309	Diazinon-oxon	369	Diofenolan I	429	Famphur
250	Cinidon-ethyl	310	Dibenz[a,h]anthracene	370	Diofenolan II	430	Fenamidone
251	cis-Chlordane	311	Dicamba	371	Dioxabenzofos	431	Fenamiphos sulfoxide
252	Clodinafop-propargyl	312	Dicamba methyl ester	372	Dioxacarb	432	Fenamiphos-sulfone
253	Clomazone	313	Dicaphon	373	Dioxathion	433	Fenarimol
254	Cloquintocet-mexyl	314	Dichlofenthion	374	Diphacinone	434	Fenazaflor
255	Coumaphos	315	Dichlofluanid	375	Diphenamid	435	Fenazaflor metabolite
256	Crimidine	316	Dichlofluanid metabolite	376	Diphenyl phthalate	436	Fenazaquin
257	Crotoxyphos	317	Dichlorvos	377	Diphenylamine	437	Fenbuconazole
258	Cruformate	318	Dichlorimid	378	Dipropetryn	438	Fenchlorazole-ethyl
259	Cyanazine	319	Dichlorophen	379	Dipropyl isocinchomeronate	439	Fenchlorphos
260	Cyanofenphos	320	Dichlorprop	380	Disulfoton	440	Fenchlorphos-oxon
261	Cyanophos	321	Dichlorprop methyl ester	381	Disulfoton sulfone	441	Fenclozim
262	Cyclafuramid	322	Dichlorvos	382	Ditalimfos	442	Fenfuram
263	Cycloate	323	Diclobutrazol	383	Dithiopyr	443	Fenhexamid
264	Cyclopentadecanone	324	Diclocymet I	384	Diuron	444	Fenitrothion
265	Cycluron	325	Diclocymet II	385	Diuron Metabolite	445	Fenitrothion-oxon
266	Cyflufenamid	326	Diclofop methyl	386	Dodemorph I	446	Fenobucarb
267	Cyfluthrin I	327	Dicloran	387	Dodemorph II	447	Fenoprop
268	Cyfluthrin II	328	Dicrotophos	388	Drazoxolon	448	Fenoprop methyl ester
269	Cyfluthrin III	329	Dicyclohexyl phthalate	389	Edifenphos	449	Fenothiocarb
270	Cyfluthrin IV	330	Dicyclopentadiene	390	Empenthrin I	450	Fenoxanil
271	Cyhalothrin-butyl	331	Dieldrin	391	Empenthrin II	451	Fenoxaprop-ethyl
272	Cyhalothrin (Gamma)	332	Diethyl ethyl	392	Empenthrin III	452	Fenoxycarb
273	Cyhalothrin I (lambda)	333	Diethofencarb	393	Empenthrin IV	453	Fenpiclonil
274	Cymiazole	334	Diethyl dithiobis	394	Empenthrin V	454	Fenpropathrin
275	Cymoxanil	335	Diethyl phthalate	395	Endosulfan (alpha isomer)	455	Fenpropidin
276	Cypermethrin I	336	Diethylene glycol	396	Endosulfan (beta isomer)	456	Fenson
277	Cypermethrin II	337	Diethylethylbestrol	397	Endosulfan ether	457	Fensulfathion
278	Cypermethrin III	338	Difenoconazol I	398	Endosulfan lactone	458	Fensulfathion-oxon
279	Cypermethrin IV	339	Difenoconazol II	399	Endosulfan sulfate	459	Fensulfathion-oxon -sulfone
280	Cyphenothrin cis-	340	Difenoxuron	400	Endrin	460	fensulfathion-sulfone
281	Cyphenothrin trans-	341	Diflufenican	401	Endrin aldehyde	461	Fenthion
282	Cyprazine	342	Diisobutyl phthalate	402	Endrin ketone	462	Fenthion sulfoxide
283	Cyproconazole	343	Dimefox	403	EPN	463	Fenthion-sulfone
284	Cyprodinil	344	Dimapiperate	404	Epoxiconazole	464	Fenuron
285	Cyprofuram	345	Dimethachlor	405	EPTC	465	Fenvalerate I
286	Cyromazine	346	Dimethametryn	406	Erbon	466	Fenvalerate II
287	d-(cis-trans)-Phenothrin-I	347	Dimethenamid	407	Esfenvalerate	467	Fepropimorph
288	d-(cis-trans)-Phenothrin-II	348	Dimethipin	408	Esprocarb	468	Fipronil
289	Dazomet	349	Dimethoate	409	Etaconazole	469	Fipronil-sulfide
290	DDMU [1-Chloro-2,2-bis	350	Dimethomorph-(Z)	410	Ethalfuralin	470	Fipronil-sulfone
291	Decachlorobiphenyl	351	Dimethomorph-E	411	Ethidimuron	471	Fipronil, Desulfinyl-
292	Deltamethrin	352	Dimethylphthalate	412	Ethiofencarb	472	Flamprop-isopropyl
293	Demephion	353	Dimethylvinphos(Z)	413	Ethiolate	473	Flamprop-methyl
294	Demeton-S	354	DimethylvinphosE	414	Ethion	474	Fluacrypyrim
295	Demeton-S-methylsulfon	355	Dimetilan	415	Ethofenprox	475	Fluazifop-p-butyl
296	Desbromo-bromobutide	356	Dimoxystrobin	416	Ethofumesate	476	Fluazinam
297	Desmedipham	357	Diniconazole	417	Ethofumesate, 2-Keto	477	Fluazolate
298	Desmetryn	358	Dinitramine	418	Ethoprophos	478	Flubenzimine
299	Di-allate I	359	Dinobuton	419	Ethoxyfen-ethyl	479	Fluchloralin

900+ Pesticides/Chemicals Scan

List 3 of 4

NO	CHEMICAL/PESTICIDE	NO	CHEMICAL/PESTICIDE	NO	CHEMICAL/PESTICIDE	NO	CHEMICAL/PESTICIDE
480	Flucythrinate I	540	Ioxynil octanoate	600	Methomy	660	Oxabetrinil
481	Flucythrinate I	541	Iponazole	601	Methoprene I	661	Oxadiazon
482	FludioxonilA R	542	Iprobenfos	602	Methoprene II	662	Oxadixyl
483	Flufenacet	543	Iprodione	603	Methoprotryne	663	Oxamyl
484	Flumetralin	544	Iprovalicarb I	604	Methoxychlor	664	Oxycarboxin
485	Flumiclorac-pentyl	545	Iprovalicarb II	605	Methoxychlor olefin	665	Oxychloridane
486	Flumioxazin	546	Irgarol	606	Methyl (2-naphthoxy)acetate	666	Oxydemeton-methyl
487	Fluometuron	547	Isozophos	607	Methyl paraoxon	667	Oxyfluorfen
488	Fluoranthene	548	Isobenzan	608	Methyl parathion	668	p-Dichlorobenzene
489	Fluoren	549	Isobornyl thiocyanacetate	609	Methyl-1-naphthalene acetate	669	p-Nitrotoluene
490	Fluorodifen	550	Isocarbamide	610	Methyldymron	670	p-Terphenyl-d14
491	Fluoroglycofen-ethyl	551	Isocarbophos	611	Metobromuron	671	p,p'-DDD
492	Fluorimide	552	Isoclirin	612	Metolcarb	672	p,p'-DDE
493	Fluotrimazole	553	Isofenphos	613	Metominostrobin	673	p,p'-DDM [bis(4-chlorophenyl)]
494	Fluoxastrobin cis	554	Isoprocarb	614	Metominostrobin (Z) R	674	p,p'-DDT
495	Fluquinconazole	555	Isopropalin	615	Metrafenone	675	p,p'-Dibromobenzophenone
496	Flurenol-butyl ester	556	Isoprothiolane	616	Metribuzin	676	p,p'-Dicofol
497	Flurenol-methylester	557	Isoxaben	617	Mevinphos	677	Paclobutrazol
498	Fluridone	558	Isoxadifen-ethyl	618	Mirex	678	Paraoxon
499	Flurochloridone I	559	Isoxaflutole	619	Molinate	679	Parathion
500	Flurochloridone II	560	Isoxathion	620	Monalide	680	PBB 101
501	Fluroxypyr-1-methylheptyl	561	Jasmodin I	621	Monocrotophos	681	PBB 15
502	Flurprimidol	562	Jasmodin II	622	Monolinuron	682	PBB 169 Hexabrombiphenyl
503	Flurtamone	563	Jodfenphos	623	Musk amberette	683	PBB 52 Tetrabrombiphenyl
504	Flusilazole	564	Kinoprene	624	Musk Ketone	684	PCB
505	Fluthiacet-methyl	565	Kraeoxim-methyl	625	Musk Moskane	685	PCB 101
506	Flutolanil	566	Lactofen	626	Musk Tibetane	686	PCB 110
507	Flutriafol	567	Lenacil	627	Musk xylene	687	PCB 118
508	Fluvalinate-tau-I	568	Leptophos	628	Myclobutanil	688	PCB 126
509	Fluvalinate-tau-II	569	Leptophos oxon	629	N-1-Naphthylacetamide	689	PCB 127
510	Fonofos	570	Lindane	630	N-Methyl-N-1-naphthyl aceta	690	PCB 131
511	Formothion	571	Linuron	631	N,N-Diethyl-m-toluamide	691	PCB 136
512	Fosfiazate I	572	m-Cresol	632	Naled	692	PCB 138
513	Fosfiazate II	573	Malathion	633	Naphthalene	693	PCB 153
514	Fuberidazole	574	Malathion-o-analog	634	Naphthalic anhydride	694	PCB 169
515	Furalaxyl	575	MCPA methyl ester	635	Naproanilide	695	PCB 170
516	Furathiocarb	576	MCPA-butoxyethyl ester	636	Napropamide	696	PCB 180
517	Furilazole	577	MCPB methyl ester	637	Nicotine	697	PCB 30
518	Furmecyclo	578	Mecoprop methyl ester	638	Nitralin	698	PCB 31
519	Halfenprox	579	Mefenacet	639	Nitrapyrin	699	PCB 49
520	Haloxypyr-methyl	580	Mefenpyr-diethyl	640	Nitrobenzene-d5	700	PCB 77
521	Heptachlor	581	Mefluidide	641	Nitrofen	701	PCB 81
522	Heptachlor epoxide isomer A	582	Menazon	642	Nitrothal-isopropyl	702	Pebulate
523	Heptachlor exo-epoxide isomer	583	Mepanipyrim	643	Nonachlor, cis-	703	Penconazole
524	Heptenophos	584	Mephosfolan	644	Nonachlor, trans-	704	Pendimethalin
525	Hexabromobenzene	585	Mepronil	645	Norflurazon	705	Pentachloroaniline
526	Hexachlorobenzene	586	Metalaxyl	646	Norflurazon, Desmethyl-	706	Pentachloroanisole
527	Hexachlorophene	587	Metamitron	647	Nuarimol	707	Pentachlorobenzene
528	Hexaconazole	588	Metasystox thiol	648	o-Dianisidine	708	Pentachloronitrobenzene
529	Hexazinone	589	Metazachlor	649	o-Dichlorobenzene	709	Pentachlorophenol
530	Hexestrol	590	Metconazole I	650	o-Phenylphenol	710	Pentachlorol
531	Hydroprene	591	Metconazole I	651	o,p'-DDD	711	Permethrin I
532	Imazalil	592	Methabenzthiazuron	652	o,p'-DDE	712	Permethrin II
533	Imazamethabenz-methyl I	593	Methacrifos	653	o,p'-DDT	713	Perthane
534	Imazamethabenz-methyl II	594	Methamidophos	654	Octachlorostyrene	714	Phantolide
535	Imibenconazole	595	Methfuroxam	655	Ofurace	715	Phenamiphos
536	Imibenconazole-desbenzyl	596	Methidathion	656	Omethoate	716	Phenanthrene
537	Indeno[1,2,3-cd]pyrene	597	Methiocarb	657	Orbencarb	717	Phenanthrene-d10
538	Indoxacarb and Dioxacarb	598	Methiocarb sulfone	658	ortho-Aminoazotoluene	718	Phenkapton
539	Ioxynil	599	Methiocarb sulfoxide	659	Oryzalin	719	Phenol

900+ Pesticides/Chemicals Scan

List 4 of 4

NO	CHEMICAL/PESTICIDE	NO	CHEMICAL/PESTICIDE	NO	CHEMICAL/PESTICIDE	NO	CHEMICAL/PESTICIDE
720	Phenothiazine	780	Pyracarbolid	840	Tebuconazole	900	Trichlorfon
721	Phenothrin I	781	Pyraclofos	841	Tebufenpyrad	901	Trichloronat
722	Phenothrin II	782	Pyraflufen-ethyl	842	Tebupirimifos	902	Triclopyr methyl ester
723	Phenthoate	783	Pyrazon	843	Tebutam	903	Triclosan
724	Phorate	784	Pyrazophos	844	Tebuthiuron	904	Triclosan-methyl
725	Phorate sulfone	785	Pyrazoxyfen	845	Tecnazene	905	Tricresylphosphate, meta-
726	Phorate sulfoxide	786	Pyrene	846	Telluthrin, cis-	906	Tricresylphosphate, ortho-
727	Phorate-oxon	787	Pyrethrin I	847	Temaphos	907	Tricresylphosphate, para
728	Phosalone	788	Pyrethrin II	848	Terbacil	908	Tricyclazole
729	Phosfolan	789	Pyributicarb	849	Terbucarb	909	Tridemorph , 4-tridecyl-
730	Phosmet	790	Pyridaben	850	Terbufos	910	Tridiphane
731	Phosphamidon I	791	Pyridaphenthion	851	Terbufos-oxon-sulfone	911	Trietazine
732	Phosphamidon II	792	Pyridate	852	Terbufos-sulfone	912	Triethylphosphate
733	Phthalide	793	Pyridinitri	853	Terbumeton	913	Trifenmorph
734	Phthalimide	794	PyrifenoX I	854	Terbuthylazine	914	Trifloxystrobin
735	Picloram methyl ester	795	PyrifenoX II	855	Terbuthylazine-desethyl	915	Triflumizole
736	Picolinafen	796	Pyrifthalid	856	Terbutryn	916	Trifluralin
737	Picoxytobin	797	Pyrimethanil	857	Tetrachlorvinphos	917	Triphenyl phosphate
738	Pindone	798	Pyrimidifen	858	Tetraconazole	918	Tris(2-butoxyethyl)
739	Piperalin	799	Pyriminobac-methyl (Z)	859	Tetradifon	919	Tris(2-chloroethyl)
740	Piperonyl butoxide	800	Pyriminobac-methyl	860	Tetraethylpyrophosphate	920	Tris(2-ethylhexyl) posphate
741	Piperophos	801	Pyriproxyfen	861	Tetrahydrophthalimide	921	Triticonazole
742	Pirimicarb	802	Pyroquilon	862	Tetramethrin I	922	Tricyclopyrbutoxyethyl
743	Pirimiphos-ethyl	803	Quinalphos	863	Tetramethrin II	923	Tycor (SMY 1500)
744	Pirimiphos-methyl	804	Quinoclamine	864	Tetrapropyl thiodiphosphate	924	Uniconazole-P
745	Piflenat	805	Quinoxifen	865	Tetrasul	925	Vamidothion
746	Potasan	806	Quintozene metabolite	866	Thenylchlor	926	Vernolate
747	Prallethrin, cis-	807	Quizalofop-ethyl	867	Theobromine	927	Vinlozolin
748	Prallethrin, trans-	808	Rabenzazole	868	Thiabendazole	928	XMC
749	Pretlathlor	809	Reamethrin	869	Thiazopyr	929	XMC
750	Probenazole	810	Reamethrin	870	Thifluzamide	930	Zoxamide
751	Prochloraz	811	Reamethrine II	871	Thiofanox	931	Zoxamide decomposition
752	Procymidone	812	Rotenone	872	Thiometon		
753	Prodiamine	813	S,S,S-Tributylphosphorotrit.	873	Thionazin		
754	Profenofos	814	Schradan	874	Thymol		
755	Profluralin	815	Sebuthylazine	875	Tiocarbazil I		
756	Prohydrojaemon I	816	Sebuthylazine-desethyl	876	Tiocarbazil II		
757	Prohydrojaemon II	817	Secbumeton	877	Tolclofos-methyl		
758	Promecarb	818	Silafuofen	878	Tolfenpyrad		
759	Promecarb artifact	819	Silthiopham	879	Tolyfluanid		
760	Prometon	820	Simazine	880	Tolyfluanid metabolite		
761	Prometryn	821	Simeconazole	881	Tolytriazole		
762	Propachlor	822	Simetryn	882	Tolytriazole		
763	Propamocarb	823	Spirodiclofen	883	Tonalide		
764	Propanil	824	Spiromesifen	884	Toxaphene Parlar 26		
765	Propaphos	825	Spiroxamine I	885	Toxaphene Parlar 50		
766	Propargite	826	Spiroxamine II	886	Toxaphene Parlar 62		
767	Propargite metabolite	827	Spiroxamine metabolite	887	trans-Chlordane		
768	Propazine	828	Sudan I	888	Transfluthrin		
769	Propetamphos	829	Sudan II	889	Traseolide		
770	Propham	830	Sudan Red	890	Tri-allate		
771	Propiconazole-I	831	Sulfallate	891	Triadimefon		
772	Propiconazole-II	832	Sulfanilamide	892	Triadimenol		
773	Propisochlor	833	Sulfentrazone	893	Triamphos		
774	Propoxur	834	Sulfotep	894	Triapenthenol		
775	Propyzamide	835	Sulfur (S8)	895	Triazamate		
776	Prosulfocarb	836	Sulprofos	896	Triazophos		
777	Prothioconazole-desthio	837	Swep	897	Tributyl phosphate		
778	Prothiofos	838	Tamoxifen	898	Tributyl phosphorotritioite		
779	Prothoate	839	TCMTB	899	Trichlamide		



SUBMIT A SAMPLE

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



Finished Product

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 accomodate 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 primarily 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.



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 #:				Phone #:			
Fax #:				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					

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

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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

- 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

- 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.



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