

## How to Interpret Your Test Results

The following report lists all items tested by 5Strands. Intolerances are temporary imbalances causing physical symptoms in an effort to communicate discomfort in one's diet or environment. By making adjustments to one's food consumption and surroundings, it can allow the body time to resolve & rebalance any intolerances.

Each item we test for is exposed to the hair sample provided and measures 1 of 4 responses:

Level 3 (red)	These items are considered <b>severe</b> intolerances. Symptoms are usually noticeable.
Level 2 (yellow)	These items are considered <b>moderate</b> intolerances. Symptoms are sometimes noticeable.
Level 1 (green)	These items are considered <b>mild</b> intolerances. Symptoms are usually not noticeable, and the triggers can be affecting the body at a cellular level.
Insignificant Response (grey)	These items did not meet the threshold that is set for a response.

Food Intolerance Report	Environmental Intolerance Report
<ul> <li>This food report is to be utilized as an outline for a 6-8 week elimination plan. Once you have completed the 6-8 week elimination period and symptoms have subsided, you can now begin the reintroduction process.</li> <li>The reintroduction process is where you add back a once offending food item into your nutrition plan. You should only add back one food item at a time. If you consume the food item and you do not experience any intolerance symptoms, then you can continue consuming in moderation. If you consume the offending food item and notice a symptom, keep in mind that you can still consume this food in the future, but you may deal with an undesirable symptom.</li> <li>It is recommended to never consume a food item more than 2-3 times per week. Consuming a food item more than this is overconsumption and can create a food intolerance symptom.</li> <li>The intention of the 5Strands Food Intolerance Package is to be more in tune with what your body is telling you, and to eat a healthier, more rounded diet that is unique for your body.</li> </ul>	<ul> <li>Try to avoid exposure to the items to the best of your abilities. Focus on the level 3 items first and foremost.</li> <li>Take into consideration the clothing/fabrics you wear, material your furniture is made from, the cleaning solutions you use, and the trees, grasses, and pollen where you live.</li> <li>It will be impossible to fully remove certain environmental items out of your life, but reducing these items will help you not experience as many environmental intolerance symptoms.</li> <li>The intention of the 5Strands Environmental Intolerance Package is to be more in tune with what your body is telling you, and to make conscious choices about what environmental items you surround yourself with.</li> </ul>

Disclaimer: 55trands<sup>®</sup> Affordable Testing does not make medical diagnosis nor is it intended to be a substitute for professional medical advice, diagnosis or treatment. Always seek the advice of your doctor or other qualified health providers regarding medical conditions, symptoms or questions. Never disregard professional medical advice or delay in seeking it because of something you have read in 55trands<sup>®</sup> Affordable Testing materials. If you think you may have an emergency, call your doctor or seek emergency services immediately. Our method of testing does not test for type IgE allergies. Since these reactions can be serious, you should seek the help of an allergy specialist.



# **How to Interpret Your Test Results**

The following report lists all the nutrition items tested by 5Strands. This test will indicate your body's inability to absorb and process each particular nutrient tested. Each item we test for is exposed to the hair sample provided and measures 1 of 4 responses: Please note that every individual is different and symptoms may vary by level and severity.

Level 3 (red)	These items are considered <b>severe</b> imbalances. Your body will have a <b>severe inability</b> to absorb these items.
Level 2 (yellow)	These items are considered <b>moderate</b> imbalances. Your body will have an <b>intermediate</b> <b>inability</b> to absorb these items.
Level 1 (green)	These items are considered <b>mild</b> imbalances. Your body will have a <b>mild inability</b> to absorb these items.
Insignificant Response (grey)	These items did not meet the threshold that is set for a response. Your body may properly absorb these items.

# **Nutrition Report**

- This nutrition report will indicate the nutrients your body is not absorbing, whether it is from food or supplements.
- Just because you are consuming foods that are rich in a particular nutrient, it does not mean that your body is absorbing the nutrients properly. Consuming foods that you are intolerant to can cause inflammation and in turn prohibit the body's cells from absorbing the needed nutrients.
- The same goes for taking a supplement; just because you are adding a supplement into your daily nutrition plan, it does not mean that your body is actually absorbing it and utilizing it.

#### What do I do with this information?

- Eating a healthy diet and consuming whole foods that your body is not intolerant to is the best way to ensure your body is receiving the proper nutrients.
- Our website provides definitions for each nutrient, what whole foods provide the nutrient, and the bodily function each nutrient has.
- Instead of adding a synthetic supplement to assist you in increasing your intake, attempt to consume this nutrient in a wide variety of whole foods. The body often does not know what to do with a synthetic food item, and therefore does not absorb or process it properly.
- If you do decide to use a supplement, make sure it is as close to natural as possible.
- Please note that this nutrition test will not show a reference range for each item tested as with blood testing. It is unique to 5Strands.
- It is not providing a physical measurement of the amount of nutrients in the body. Bioresonance testing is preemptive to blood testing. It will register imbalances before they manifest into a physical issue.



	Food							
LEVEL 3		Beverage - Apple Juice	LEVEL 2		Beverage - Tea (yerba mate)			
LEVEL 1		Beverage - Beer			Beverage - Tequila			
		Beverage - Coffee (black)			Beverage - Vodka			
LEVEL 3		Beverage - Cola			Beverage - Wine (red)			
LEVEL 3		Beverage - Cranberry Juice	LEVEL 3		Beverage - Wine (white)			
		Beverage - Gin	LEVEL 3		Dairy - Buttermilk			
LEVEL 2		Beverage - Milk (almond)	LEVEL 3		Dairy - Cheese (cheddar)			
LEVEL 3		Beverage - Milk (cashew)			Dairy - Cheese (feta)			
LEVEL 3		Beverage - Milk (coconut)			Dairy - Cheese (mozzarella)			
LEVEL 3		Beverage - Milk (oat)	LEVEL 1		Dairy - Cheese (parmesan)			
LEVEL 3		Beverage - Milk (soy)	LEVEL 2		Dairy - Cheese (swiss)			
LEVEL 2		Beverage - Orange Juice	LEVEL 3		Dairy - Cream			
LEVEL 1		Beverage - Pineapple Juice	LEVEL 2		Dairy - Cream Cheese			
		Beverage - Pomegranate Juice	LEVEL 1		Dairy - Lactose			
		Beverage - Rum	LEVEL 1		Dairy - Milk (cow)			
LEVEL 1		Beverage - Tea (black)	LEVEL 2		Dairy - Milk (goat)			
LEVEL 3		Beverage - Tea (chamomile)			Fat - Avocado Oil			
LEVEL 1		Beverage - Tea (earl grey)	LEVEL 3		Fat - Butter			
LEVEL 2		Beverage - Tea (green)	LEVEL 3		Fat - Canola Oil			
LEVEL 1		Beverage - Tea (jasmine)			Fat - Coconut Oil			
LEVEL 1		Beverage - Tea (oolong)	LEVEL 1		Fat - Cod Liver Oil			
LEVEL 3		Beverage - Tea (rooibos)			Fat - Corn Oil			



	Food							
LEVEL 3		Fat - Olive Oil	LEVEL 1		Fruit - Kiwis			
LEVEL 1		Fat - Sunflower Oil			Fruit - Lemons			
LEVEL 1		Fruit - Apple (fuji)	LEVEL 1		Fruit - Lime			
		Fruit - Apple (gala)	LEVEL 3		Fruit - Olives (black)			
		Fruit - Apple (golden delicious)			Fruit - Olives (green)			
LEVEL 1		Fruit - Apple (honey crisp)			Fruit - Oranges			
		Fruit - Apple (jazz)			Fruit - Peaches			
LEVEL 2		Fruit - Apple (pink lady)	LEVEL 1		Fruit - Pears			
		Fruit - Apricots			Fruit - Pineapples			
		Fruit - Bananas	LEVEL 3		Fruit - Pomegranates			
		Fruit - Blackberries			Fruit - Raisins			
LEVEL 2		Fruit - Blueberries	LEVEL 1		Fruit - Raspberries			
LEVEL 2		Fruit - Cherries			Fruit - Strawberries			
		Fruit - Coconut	LEVEL 3		Fruit - Tomatoes (cooked)			
LEVEL 3		Fruit - Cranberries	LEVEL 1		Fruit - Tomatoes (raw)			
LEVEL 1		Fruit - Dates	LEVEL 3		Fruit - Watermelons			
		Fruit - Figs	LEVEL 3		Grain - Barley			
LEVEL 2		Fruit - Grapefruit (pink)	LEVEL 2		Grain - Buckwheat			
LEVEL 3		Fruit - Grapefruit (white)	LEVEL 1		Grain - Corn Flour (maize)			
LEVEL 2		Fruit - Grapes (red)			Grain - Couscous			
		Fruit - Grapes (white)	LEVEL 2		Grain - Farro			
LEVEL 3		Fruit - Honeydew Melon			Grain - Flaxseed			



	Food							
LEVEL 1		Grain - Gluten	LEVEL 3		Nuts - Pine Nuts			
LEVEL 2		Grain - Millet	LEVEL 2		Nuts - Walnuts			
LEVEL 2		Grain - Oat	LEVEL 1		Protein - Alpha-Lactalbumin			
LEVEL 1		Grain - Quinoa	LEVEL 2		Protein - Bacon			
		Grain - Rice (brown)	LEVEL 2		Protein - Beef			
LEVEL 1		Grain - Rice (white)	LEVEL 2		Protein - Beta-Lactoglobulin			
LEVEL 2		Grain - Rice (wild)			Protein - Bison			
		Grain - Rye	LEVEL 1		Protein - Chicken			
LEVEL 2		Grain - Wheat			Protein - Duck			
LEVEL 1		Misc - Soy Sauce			Protein - Egg White			
		Misc - Tapioca			Protein - Egg Yolk			
LEVEL 2		Misc - Vinegar (clear)	LEVEL 2		Protein - Goose			
LEVEL 3		Misc - Vinegar (malt)	LEVEL 1		Protein - Lamb			
LEVEL 3		Nuts - Almond			Protein - Liver (beef)			
LEVEL 3		Nuts - Brazil Nuts	LEVEL 1		Protein - Liver (chicken)			
		Nuts - Cashew Nuts			Protein - Pork			
		Nuts - Chestnuts	LEVEL 1		Protein - Rabbit			
		Nuts - Hazelnuts			Protein - Soy			
LEVEL 3		Nuts - Macadamia Nuts	LEVEL 3		Protein - Tofu			
		Nuts - Peanut Butter	LEVEL 3		Protein - Turkey			
		Nuts - Peanuts			Protein - Veal			
LEVEL 1		Nuts - Pecans			Protein - Venison			



	Food							
LEVEL 2		Seafood - Clams			Spice - Bay Leaf			
		Seafood - Cod	LEVEL 2		Spice - Caraway			
		Seafood - Crayfish	LEVEL 3		Spice - Cardamom			
		Seafood - Eel			Spice - Cinnamon			
		Seafood - Flounder			Spice - Cloves			
LEVEL 2		Seafood - Haddock	LEVEL 1		Spice - Cumin			
		Seafood - Halibut			Spice - Dill			
		Seafood - Lobster	LEVEL 1		Spice - Ginger			
LEVEL 3		Seafood - Mackerel	LEVEL 2		Spice - Mint			
		Seafood - Mahi-mahi			Spice - Nutmeg			
LEVEL 1		Seafood - Oyster	LEVEL 3		Spice - Paprika			
LEVEL 1		Seafood - Pollock			Spice - Parsley			
LEVEL 3		Seafood - Salmon	LEVEL 1		Spice - Pepper (black)			
LEVEL 2		Seafood - Sardine	LEVEL 1		Spice - Pepper (red/ cayenne)			
LEVEL 3		Seafood - Shrimp			Spice - Rosemary			
		Seafood - Snapper	LEVEL 1		Spice - Sage			
LEVEL 2		Seafood - Sole			Spice - Salt (table)			
LEVEL 2		Seafood - Tilapia			Spice - Sesame			
		Seafood - Trout			Spice - Thyme			
LEVEL 3		Seafood - Tuna			Spice - Turmeric			
LEVEL 1		Spice - Aniseed			Sweetener - Agave			
		Spice - Basil			Sweetener - Honey			



	Food								
		Sweetener - Maple Syrup	LEVEL 3		Veg - Cauliflower (raw)				
		Sweetener - Molasses			Veg - Caulifower (cooked)				
LEVEL 1		Sweetener - Sugar (brown)			Veg - Celery (cooked)				
LEVEL 1		Sweetener - Sugar (cane)	LEVEL 3		Veg - Celery (raw)				
		Sweetener - Sugar (white)	LEVEL 2		Veg - Corn				
LEVEL 1		Veg - Artichoke	LEVEL 1		Veg - Cucumber				
LEVEL 2		Veg - Asparagus			Veg - Garlic (cooked)				
LEVEL 1		Veg - Aubergine (eggplant)	LEVEL 1		Veg - Garlic (raw)				
LEVEL 2		Veg - Beans (broad)			Veg - Leek				
		Veg - Beans (green)	LEVEL 2		Veg - Lentils				
LEVEL 1		Veg - Beans (lima)	LEVEL 1		Veg - Lettuce (butter)				
LEVEL 2		Veg - Beans (red kidney)	LEVEL 3		Veg - Lettuce (chicory)				
		Veg - Beets			Veg - Lettuce (escarole)				
LEVEL 3		Veg - Bell Pepper (green) (cooked)	LEVEL 2		Veg - Lettuce (iceburg)				
LEVEL 1		Veg - Bell Pepper (green) (raw)	LEVEL 1		Veg - Lettuce (romaine)				
LEVEL 2		Veg - Brussel Sprouts	LEVEL 1		Veg - Mushroom (button)				
		Veg - Cabbage (red) (cooked)			Veg - Mushroom (chestnut)				
		Veg - Cabbage (red) (raw)			Veg - Mushroom (oyster)				
LEVEL 3		Veg - Cabbage (white) (cooked)			Veg - Mushroom (portabella)				
LEVEL 2		Veg - Cabbage (white) (raw)	LEVEL 2		Veg - Mushroom (shiitake)				
		Veg - Carrots (cooked)	LEVEL 2		Veg - Onions (cooked)				
LEVEL 1		Veg - Carrots (raw)			Veg - Onions (raw)				



	Food							
LEVEL 1		Veg - Peas (field)			Veg - Soy Bean			
		Veg - Peas (garden)			Veg - Spinach (cooked)			
		Veg - Pepper (habanero)			Veg - Spinach (raw)			
LEVEL 2		Veg - Pepper (jalapeno)			Veg - Squash (butternut)			
LEVEL 3		Veg - Pepper (pepperoncini)	LEVEL 1		Veg - Squash (yellow)			
		Veg - Potatoes (sweet)	LEVEL 3		Veg - Squash (zucchini)			
LEVEL 3		Veg - Potatoes (white)	LEVEL 3		Veg - Turnip			
LEVEL 1		Veg - Pumpkin	LEVEL 3		Veg - Yuca (cassava)			
LEVEL 1		Veg - Radish						



	Environmental								
LEVEL 1		Alder (Alnus glutinosa)	LEVEL 3		Cotton				
LEVEL 1		Apple Tree			Currant bush				
LEVEL 3		Ash (Frqxinus excelsior)			Dahlia (Dahlia hybrida)				
LEVEL 1		Aspen (Populus tremula)	LEVEL 3		Dandelion (Taraxum duplidens)				
		Aster			Dead nettle				
		Barley (Hordeum vulgare)			Deer Epithelium				
LEVEL 1		Вее	LEVEL 3		Dock (Rumex acetosa)				
LEVEL 2		Beech (Fagus silvatica)	LEVEL 2		Dog Dander				
LEVEL 3		Bermuda grass (Cynodon dactylon)	LEVEL 2		Dog Saliva				
LEVEL 1		Birch	LEVEL 2		Downy Birch				
LEVEL 2		Bovines	LEVEL 1		Duck feathers				
		Buckwheat			Elder (Sambucus nigra)				
		Buttercup (Ranculus spp.)	LEVEL 1		Elm (Ulmus glabra)				
LEVEL 2		Canaries	LEVEL 3		European beech				
		Cat Dander			European lime (Tilia europea)				
LEVEL 2		Cat Saliva	LEVEL 1		False acacia (Robinia pseudacacia)				
		Chamomile (Matricaria chamomilla)			Ferret				
		Cherry tree			Fireweed/Great willow herb (Epilobium angustifolium)				
LEVEL 2		Chicken Droppings			Fungus				
LEVEL 2		Chicken Feathers	LEVEL 2		Goats				
LEVEL 3		Chrysanthemum (C. morifolium)	LEVEL 2		Golden hamsters				
		Clover (Triofolium spp.)	LEVEL 2		Goldenrod (Solidago virgaurea)				



	Environmental								
LEVEL 3		Goose feathers	LEVEL 2		Marguerite (Leucanthemum vulgare)				
		Guinea pigs	LEVEL 3		Meadow fescue (Festuca pratensis)				
		Hawthorn (Crataegus spp.)	LEVEL 3		Meadow fox tail (Alopecurus prat.)				
LEVEL 3		Hazel (Corylus avellana)	LEVEL 3		Melde (Artiplex spp.)				
LEVEL 2		Hop (Humulus lupulus)	LEVEL 1		Mice				
LEVEL 2		Hornbeam (Carpinus betulus)	LEVEL 3		Mistletoe				
LEVEL 1		Horse chestnut (Aesculus hippocastanum)	LEVEL 1		Mosquito				
		Horses	LEVEL 2		Mugwort (Artemisia vulgaris)				
		House Dust Mite			Mulberry				
		Hyacinth (Endymion non scriptus)	LEVEL 1		Narcissus (Narcissus spp.)				
		Japanese Cedar	LEVEL 2		New Belgian Aster (aster novi belgii)				
		Japanese Millet	LEVEL 3		Nylon				
		Jasmine (Philadelphus spp.)	LEVEL 3		Oak (Quercus robur)				
		Juniper Bush			Oats (Avena sativa)				
LEVEL 2		Kammgras (Cynosurus cristatus)	LEVEL 3		Orchard grass or Cocksfoot grass (Dactylis glomerata)				
LEVEL 3		Kentucky bluegrass (Poa pratensis)	LEVEL 3		Parrot Feathers				
LEVEL 2		Laburnum (Laburnum anagyroides)			Pear tree				
		Larch (Larix decidua)	LEVEL 2		Perennial ryegrass (Lolium perenne)				
		Leather	LEVEL 1		Pigeons				
		Lilac (Syringa vulgaris)	LEVEL 1		Pigweed (Chenopodium album)				
		Lupine (Lupinus polyphyllus)			Pine (Pinus spp.)				
LEVEL 3		Maize (Zea mays)	LEVEL 2		Pine, Scottish (Pinus sylvestris)				



	Environmental							
LEVEL 3		Plane tree (Platanus acerifolia)			Stinging nettle (Urtica dioica)			
		Plantain (Plantago major)			Tamarisk (Myrica sp.)			
LEVEL 2		Poplar (Populus spp.)	LEVEL 3		Tansy ragwort (Senecio jacobaea)			
LEVEL 3		Primrose (Primulus)			Thistle			
LEVEL 1		Privet (Ligustrum spp.)			Timothy Grass Pollen			
		Quackgrass or Couch grass (Agropyron repens)			Tobacco Smoke			
LEVEL 2		Rabbits			Trespe (Bromus mollis)			
LEVEL 1		Ragweed (Ambrosia elatior)	LEVEL 1		Tulip (Tulipa spp.)			
LEVEL 3		Rape (Brassica napus)			Velvet grass (Holcus lanatus)			
LEVEL 3		Rats			Wallflower (Cheiranthus cheiri)			
LEVEL 1		Red fescue (Festuca rubra)	LEVEL 3		Walnut (Juglans regia)			
LEVEL 2		Ribwort (Plantago lanceolata)			Wasp			
LEVEL 2		Rose (Rosa spp.)	LEVEL 1		Water reed (Phragmites communis)			
LEVEL 3		Rubber	LEVEL 2		Wheat (Triticum aestivum)			
		Rye	LEVEL 2		Wild oat (Avena fatua)			
LEVEL 3		Scotch heather (Calluna vulgaris)	LEVEL 2		Willow (Salix vitellina)			
LEVEL 1		Silk			Wool			
LEVEL 3		Spelt	LEVEL 3		Wormwood (Artemisia absinthium)			
		Spruce (Picea abies)						



Nutrition									
LEVEL 2		Vitamin A (retinyl palmitrate)			AA - Essential - Isoleucine				
		Vitamin B1 (thiamine)			AA - Essential - Leucine				
LEVEL 2		Vitamin B10 (PABA)	LEVEL 2		AA - Essential <b>- Lysine</b>				
LEVEL 3		Vitamin B11 (salicylic acid)			AA - Essential - Methionine				
LEVEL 1		Vitamin B12 (cobalamin)	LEVEL 3		AA - Essential - Phenylalanine				
		Vitamin B13 (orotic acid)	LEVEL 2		AA - Essential - Threonine				
		Vitamin B2 (riboflavin)			AA - Essential - Tryptophane				
LEVEL 2		Vitamin B3 (niacin)			AA - Essential - Valine				
		Vitamin B4 (adenine)	LEVEL 2		AA - Non-essential <b>- Alanine</b>				
LEVEL 2		Vitamin B5 (pantothenic acid)	LEVEL 3		AA - Non-essential <b>- Arginine</b>				
		Vitamin B6 (pyridoxine)	LEVEL 3		AA - Non-essential - Asparagine				
		Vitamin B7 (biotin)			AA - Non-essential - Aspartic Acid				
		Vitamin B8 (myo-inositol)			AA - Non-essential - Cysteine				
		Vitamin B9 (folic acid)			AA - Non-essential - Cystine				
		Vitamin C (ascorbic acid)			AA - Non-essential - Glutamic Acid				
		Vitamin Choline			AA - Non-essential - Glutamine				
		Vitamin D2 (ergocalciferol)			AA - Non-essential - Glycine				
		Vitamin D3 (cholecalciferol)			AA - Non-essential - Ornithine				
		Vitamin E (alpha-tocopherol)			AA - Non-essential <b>- Proline</b>				
		Vitamin K1 (phylloquinone)			AA - Non-essential - Serine				
		Vitamin K2 (menaquinone)			AA - Non-essential - Taurine				
		AA - Essential - Histidine	LEVEL 2		AA - Non-essential - Tyrosine				



Nutrition									
LEVEL 3		Element - Lithium	LEVEL 2		Misc - Bioflavonoids (anthoxanthins)				
		Essential Mineral - Calcium			Misc - Fluoride				
		Essential Mineral - Magnesium			Misc - Gamma Aminobutyric Acid (GABA)				
		Essential Mineral - Phosphorus	LEVEL 2		Misc - Glutathione				
		Essential Mineral - Potassium			Misc - Melatonin				
		Essential Mineral - Silica	LEVEL 3		Misc - S-Adenosyl-L-Methionine (SAMe)				
		Essential Mineral - Sodium			Trace Mineral - Boron				
		Essential Mineral - Zinc Orotate	LEVEL 3		Trace Mineral - Chloride				
		Fatty Acid - Alpha-linolenic Acid (omega 3)	LEVEL 2		Trace Mineral - Chromium				
LEVEL 1		Fatty Acid - Arachidonic Acid (omega 6)			Trace Mineral - Cobalt				
		Fatty Acid - Docosahexaenoic Acid (DHA omega 3)	LEVEL 2		Trace Mineral - Copper				
		Fatty Acid - Eicosapentaenoic Acid (EPA omega 3)			Trace Mineral - Germanium				
		Fatty Acid - Erucic Acid (omega 9)	LEVEL 2		Trace Mineral - Iodine (aqueous)				
LEVEL 1		Fatty Acid - Gamma-linolenic Acid (GLA omega 6)			Trace Mineral - Iron				
		Fatty Acid - Lecithin	LEVEL 2		Trace Mineral - Manganese				
		Fatty Acid - Linoleic Acid (omega 6)			Trace Mineral - Molybdenum				
		Fatty Acid - Oleic Acid (omega 9)	LEVEL 2		Trace Mineral - Selenium				
		Ionic Mineral - Nickel	LEVEL 3		Trace Mineral - Silicon				
		Ionic Mineral - Strontium	LEVEL 1		Trace Mineral - Sulfur				
		Ionic Mineral - Vanadium							