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**ZYTO DIGESTION BIOSURVEY**

The digestive system is a group of organs that work together to change the food you eat into the energy and nutrients your body needs. After you consume food and liquids, the digestive system breaks them down into their basic parts: carbohydrates, proteins, fats, and vitamins.

These basic nutrients are then absorbed into the bloodstream, which carries them to cells throughout the body. Nutrients provide the cells with the energy they need for growth and repair. Everything in your body, from your hormones to your heart, needs the nutrients from the digestive process to work correctly. (1)

**BALANCER VIRTUAL ITEM SCAN RESULTS**

**Baseline**
Biomarkers Out of Range: 198

**Waratah**
Biomarkers Brought Into Range: 106
Category: Hormonal/Endocrine System Balancers DS

**ABC - Beta Sitosterol**
Additional BioMarkers Brought Into Range: 63
Category: Inventory
Usage Directions: 1 Capsule 1 times per day

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ABC - Rosewood Oil
Additional BioMarkers Brought Into Range: 19
Category: Inventory

ABC - Jasmine Oil
Additional BioMarkers Brought Into Range: 7
Category: Inventory

ABC - Cassia Oil
Additional BioMarkers Brought Into Range: 3
Category: Inventory

BALANCER DESCRIPTIONS

Waratah
For the person who is going through the 'black night of the soul' and is in utter despair. It gives them the strength and courage to cope with their crisis and will bring their survival skills to the fore. This remedy will also enhance and amplify those skills. It is for emergencies and great challenges. This powerful remedy often only needs to be used for four or five days. The Waratah Essence was made with great assistance and guidance in profound metaphysical circumstances, from what was known to be the last flowering Waratah of the season.

Positive Outcome:
- courage
- tenacity
- adaptability
- strong faith
- enhancement of survival skills

Negative Condition:
- despair
- hopelessness
- inability to respond to a crisis

REFERENCES:

Beta Sitosterol
1 Capsule 1 times per day
3 Capsule(s) 1 times per day
A high purity complex
Potent support for a healthy cardiovascular system
Features premium grade Cholestatin, a complex of high-purity plant sterols
A healthy choice for daily cardiovascular maintenance, beta sitosterol is a powerful plant sterol that works naturally within the body. Our Beta
Sitosterol tablets feature premium-grade Cholestatin, a natural complex of high-purity plant sterols including beta sitosterol, campesterol and stigmasterol for broad-spectrum phytosterol nutrition.

16.97 ABC - Rosewood Oil

Rosewood Oil is sometimes referred to as Bois-de-rose Oil.

Aromatically, the oil has a subtle, yet surprisingly sweet, woody, fruity aroma with a floral quality to it. I don't typically refer to wood oils as "beautiful" oils, but this certainly is a beautifully aromatic oil that holds a dear place in holistic aromatherapy as well as natural perfumery. It is a versatile oil that blends well with other wood, citrus, spice, herbaceous and floral oils.

Sadly, Rosewood is now an endangered species, and the production of Rosewood Oil is a strong contributor to the significant reduction in the species. Whenever possible, purchase Rosewood Oil from suppliers that are conscientious of how they source their Rosewood Oil.

You may find Ho Wood Essential Oil to be a lovely, aromatic substitute for Rosewood Oil.

Botanical Name
Aniba rosaeodora

Common Method of Extraction
Steam Distilled

Plant Part Typically Used
Wood

Color
Clear with a Yellow Tinge

Consistency
Thin

Perfumery Note
Middle

Strength of Initial Aroma
Medium

Aromatic Description
Sweet, woody, fruity, floral aroma.

Rosewood Oil Uses
Acne, colds, dry skin, dull skin, fever, flu, frigidity, headache, oily skin, scars, sensitive skin, stress, stretch marks.


16.26 ABC - Jasmine Oil

Jasmine Absolute has an exquisitely floral aroma that is uniquely its own.

Jasmine Absolute
Jasmine blossoms cannot be effectively steam distilled, so they are extracted by solvent to create a highly concentrated absolute. A tiny bit goes a very long way.

Jasmine Absolute is used within precious fragrancing applications for both men and women.

It is uplifting and has been used to help combat depression. Jasmine Absolute is considered an aphrodisiac. Other uses and benefits can be found below.

Jasmine Blossoms
Botanical Name
Jasminum grandiflorum
Common Method of Extraction
Solvent Extracted
What is an Absolute?

Plant Part Typically Used
Flowers

Color
Deep Brown with a Golden Tinge

Consistency
Medium

Perfumery Note
Middle

Strength of Initial Aroma
Strong

Aromatic Description
Warm, floral, exotic.

Jasmine Absolute Uses
Depression, dry skin, exhaustion, labor pains, sensitive skin.


15.91  **ABC - Cassia Oil**

Resembling Cinnamon Bark Essential Oil in aroma, Cassia Essential Oil is sometimes used as an economical substitute within fragrancing applications.

It is my understanding that most of the "Ground Cinnamon" that we purchase in grocery stores, and even most of the "Cinnamon Sticks" that are sold are not true cinnamon, but are really its more affordable cousin, Cassia, Cinnamomum cassia.

**Cassia Oil**
When comparing the bark oils of both Cassia (Cinnamomum cassia) and Cinnamon (Cinnamomum zeylanicum), I personally prefer the richer, fuller aroma of Cinnamon Oil to that of Cassia Oil.

I have purchased sticks of both Cinnamomum cassia and Cinnamomum zeylanicum, and also prefer the aroma and flavor of Cinnamomum zeylanicum in bark form.

Topically, both Cassia Bark and Cinnamon Bark oils should be used with extreme caution, if at all. Refer to the Safety Information section below for more information.

**Botanical Name**
Cinnamomum cassia

**Common Method of Extraction**
Steam Distilled

**Plant Part Typically Used**
Bark

**Color**
Golden Yellow/Brown

**Consistency**
Medium

**Perfumery Note**
Middle

Strength of Initial Aroma
Sharp/Strong

Aromatic Description
Spicy, sweet, woody, earthy.

Cassia Oil Uses
Fragrancing, indigestion, gas, colic, diarrhea, rheumatism, cold/flu.


**GENERAL DIGESTION BALancers**

<table>
<thead>
<tr>
<th>No.</th>
<th>Food</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>23.34</td>
<td>Beef</td>
<td></td>
</tr>
<tr>
<td>19.31</td>
<td>Pickles</td>
<td></td>
</tr>
<tr>
<td>17.79</td>
<td>Peanut</td>
<td></td>
</tr>
<tr>
<td>17.56</td>
<td>Shrimp</td>
<td></td>
</tr>
<tr>
<td>15.92</td>
<td>Turnip</td>
<td></td>
</tr>
<tr>
<td>14.35</td>
<td>Asparagus</td>
<td></td>
</tr>
<tr>
<td>13.97</td>
<td>Cantaloupe</td>
<td></td>
</tr>
<tr>
<td>13.54</td>
<td>Tomato</td>
<td></td>
</tr>
<tr>
<td>12.70</td>
<td>Tempeh</td>
<td></td>
</tr>
<tr>
<td>12.08</td>
<td>Swiss Chard</td>
<td></td>
</tr>
</tbody>
</table>

**TOP PROBIOTIC BACTERIA BALancers**

Probiotics are live bacteria and yeasts that are good for your health, especially your digestive system. We usually think of bacteria as something that causes diseases. But your body is full of bacteria, both good and bad. Probiotics are often called "good" or "helpful" bacteria because they help keep your gut healthy.

Probiotics are naturally found in your body. You can also find them in some foods and supplements. Here are a couple ways they may keep you healthy:

- When you lose "good" bacteria in your body (like after you take antibiotics, for example), probiotics can help replace them.
- They can help balance your "good" and "bad" bacteria to keep your body working like it should. (2)

<table>
<thead>
<tr>
<th>No.</th>
<th>Food</th>
<th>Score</th>
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</thead>
<tbody>
<tr>
<td>22.41</td>
<td>Calcium Phosphate</td>
<td></td>
</tr>
<tr>
<td>15.44</td>
<td>Ferrum phosphoricum</td>
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</tr>
<tr>
<td>14.57</td>
<td>Probiotics</td>
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**Top Hydration Balancers**

<table>
<thead>
<tr>
<th>No.</th>
<th>Food</th>
<th>Score</th>
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<tbody>
<tr>
<td>29.36</td>
<td>Whole Grains</td>
<td></td>
</tr>
<tr>
<td>20.50</td>
<td>Zinc Oxide</td>
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</table>
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<table>
<thead>
<tr>
<th>Rank</th>
<th>Name</th>
<th>Category</th>
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<tbody>
<tr>
<td>17.12</td>
<td>Quercetin</td>
<td>Inflammation Balancers</td>
</tr>
<tr>
<td>29.36</td>
<td>Whole Grains</td>
<td>Inflammation Balancers</td>
</tr>
<tr>
<td>23.34</td>
<td>Beef</td>
<td>Food Balancers</td>
</tr>
<tr>
<td>22.41</td>
<td>Calcium Phosphate</td>
<td>Hydration Balancers</td>
</tr>
<tr>
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</tr>
<tr>
<td>19.31</td>
<td>Pickles</td>
<td>Food Balancers</td>
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<tr>
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<td>Shrimp</td>
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<tr>
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<td>Turnip</td>
<td>Food Balancers</td>
</tr>
<tr>
<td>15.44</td>
<td>Ferrum phosphoricum</td>
<td>Hydration Balancers</td>
</tr>
<tr>
<td>14.57</td>
<td>Probiotics</td>
<td>Hydration Balancers</td>
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<tr>
<td>14.35</td>
<td>Asparagus</td>
<td>Food Balancers</td>
</tr>
<tr>
<td>14.23</td>
<td>Natrum sulphuricum</td>
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<td>13.97</td>
<td>Cantaloupe</td>
<td>Food Balancers</td>
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<td>13.82</td>
<td>Potassium (K+)</td>
<td>Hydration Balancers</td>
</tr>
</tbody>
</table>
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Female Test - 9/12/2017
In this chart, you'll find many areas of the digestive system listed in descending order. This vertical slice display is intended to assist with identifying any regions that may show consistent out of range responses; if you see a clear pattern, think of it as a potential "hot spot" of exaggerated responses. Understanding how these biomarkers relate to your client's ability to maintain digestive health is an important part of this report.
### Hydration Stressors

<table>
<thead>
<tr>
<th>Stressor</th>
<th>Range (8.81)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nicotine</td>
<td>13.91</td>
</tr>
<tr>
<td>Aldosterone</td>
<td>12.53</td>
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<tr>
<td>Electrolyte Insufficiency</td>
<td>12.38</td>
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<tr>
<td>Tryptophan</td>
<td>-10.52</td>
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### Inflammation Stressors

<table>
<thead>
<tr>
<th>Stressor</th>
<th>Range (8.81)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cow Milk</td>
<td>24.43</td>
</tr>
<tr>
<td>White Potato</td>
<td>-20.02</td>
</tr>
<tr>
<td>Fructose</td>
<td>16.22</td>
</tr>
<tr>
<td>Gluten</td>
<td>-14.13</td>
</tr>
</tbody>
</table>

### SECONDARY DIGESTION STRESSORS

**Stressor Collection Results**

- **Hormones**
  - -18.67
  - 18.10 **Fungi/Molds**
  - 12.92 **Pesticides**
  - -8.07 **Neurotransmitters**
  - 5.54 **Parasites**
  - -4.41 **Heavy Metals**
  - 4.28 **Food Stressors**

**Top Fungi/Molds**

- -23.74 **Microsporum**
  - 23.00 **Piedraea Hortae**
  - 22.24 **Blastomyces dermatitidis**
  - -20.05 **Penicillium Islandicum**
  - 19.96 **Chaetomium globosum**

**Top Hormones**

- -33.77 **Estradiol**
  - -19.73 **Follicle stimulating hormone (FSH)**
  - 19.35 **17a-Hydroxyprogrenolone**
  - -17.53 **Chorionic Gonadotropin**
  - -17.33 **Parathyroid Hormone - Parathormone - Parathyrin (PTH)**

**Top Pesticides**

- -31.87 **Chlorinated Isocyanurates**
  - 27.37 **Ethion**
  - 25.12 **DCPA**
  - 23.54 **Malathion**

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Female Test - 9/12/2017
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<table>
<thead>
<tr>
<th>Stressor</th>
<th>Category</th>
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<tbody>
<tr>
<td>Estradiol</td>
<td>Hormones</td>
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<tr>
<td>Chlorinated Isocyanurates</td>
<td>Pesticides</td>
</tr>
<tr>
<td>Ethion</td>
<td>Pesticides</td>
</tr>
<tr>
<td>Large Intestine</td>
<td>Digestive System Stressors, Organs Glands &amp; Systems</td>
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<tr>
<td>DCPA</td>
<td>Pesticides</td>
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<tr>
<td>Cow Milk</td>
<td>Inflammation Stressors</td>
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<tr>
<td>Microsporum</td>
<td>Fungi/Molds</td>
</tr>
<tr>
<td>Malathion</td>
<td>Pesticides</td>
</tr>
<tr>
<td>Thiram</td>
<td>Pesticides</td>
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<tr>
<td>Piedraia Hortae</td>
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<tr>
<td>Cycloheximide</td>
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<td>Mancozeb</td>
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<td>Blastomyces dermatitidis</td>
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<tr>
<td>Phenmedipham</td>
<td>Pesticides</td>
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<tr>
<td>Adrenal Glands</td>
<td>Organs Glands &amp; Systems</td>
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<td>Carzol</td>
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Bibliography:
