

Nutritional Product Testing CHAIN OF CUSTODY INFORMATION SHEET

The following is a list of analyses we are able to perform. Refer to this list for completing the Chemistry Chain of Custody form. (PLEASE CALL FOR PRICING AND SAMPLE SIZE REQUIREMENTS.)

General Nutritional Testing

- Ash
- Total Fat
- Calories (Calculated)
- Fat Calories (Calculated)
- Moisture
- Protein
- Total Carbohydrates (Calculated)
- Dietary Fiber:**
 - Total Dietary Fiber
 - Insoluble Fiber

Ion Chromatography Testing

- | | | | |
|------------------------|-------------|----------------|-------------|
| Cations/Metals: | • Magnesium | Anions: | • Fluoride |
| • Ammonium | • Manganese | • Bromide | • Nitrate |
| • Calcium | • Potassium | • Carbonate | • Phosphate |
| • Lithium | • Sodium | • Chloride | • Sulfate |
| Sugar Profile: | • Fructose | • Glucose | • Lactose |
| | • Maltose | • Sucrose | |

ICP-OES/ICP-MS Testing

- Cadmium
- Copper
- Lead
- Molybdenum
- Selenium
- Chromium
- Iron
- Mercury
- Phosphorus
- Zinc

GC Testing

- Cholesterol
- Amino Acids
- Fatty Acid Profile:**
 - Saturated Fat
 - Unsaturated Fat
 - Trans Fat

HPLC Testing

- | | | |
|-------------------------------|---------------------------------|-----------------------------|
| Organic Acids: | • Fumaric | • Oxalic |
| • Benzoic | • Lactic | • Sorbic |
| • Citric | • Malic | • Succinic |
| Vitamin A: | • Retinol | • Retinyl Acetate |
| | • Retinyl Palmitate | • β-Carotene |
| • Vitamin B1 /Thiamine | • Vitamin B2 / Riboflavin | |
| Vitamin B3: | • Niacin | • Niacinamide |
| | • Vitamin B5 / Pantothenic Acid | |
| Vitamin B6: | • Pyridoxine | • Pyridoxal |
| | • Pyridoxine HCl | |
| • Vitamin B7 / Biotin | • Vitamin B9 / Folic Acid | |
| Vitamin B12: | • Cobalamin | • Cyanocobalamin |
| | • Methlycobalamin | |
| • Vitamin C: | • Ascorbic Acid | • Ascorbic Acid Salt |
| • Vitamin D2 / Ergocalciferol | • Vitamin D3 /Cholecalciferol | |
| • Vitamin E / Tocopherols | • Vitamin K / Phylloquinone | |
| Amino Acid Profile: | | |
| • L-Alanine | • L-Glutamic Acid | • L-Lysine |
| | • Taurine | |
| • L-Arginine | • L-Glutamine | • L-Methionine |
| | • L-Threonine | |
| • L-Asparagine | • Glycine | • L-Phenylalanine |
| | • L-Tryptophan | |
| • L-Aspartic Acid | • L-Histidine | • L-Proline |
| | • L-Tyrosine | |
| • L-Cysteine | • L-Isoleucine | • L-Serine |
| | • L-Valine | |
| • L-Cystine | • L-Leucine | • Trans-4-Hydroxy-L-Proline |



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