



IMPROVING LIVES THROUGH ADVANCED MICRONUTRIENTS

## MLG PRODUCT DESCRIPTION SUMMARY 2022

### **MLG-50® Fulvic Mineral Liquid Concentrate**

**Product Number:** HHD30FA104

**pH:** 2.0 - 2.3

**Fulvic Acid Content:** 2% - 6%

Validated by Lamar, 2014 (JAOAC 97(3): 721-730) standardized quantification method for fulvic acid.

**Dense Molecular Complex:** Polyphenol flavonoid antioxidants, organic acids, amino acids, trace minerals, and electrolytes.

**Recommended use:**

A functional ingredient as a stand-alone product.

To add essential micronutrients to the diet.

10 to 15 drops per day in non-chlorinated liquid -- juice, tea, coffee

**Description:** MLG-50® Liquid is an essential micro-nutrient supplement with rich quantities of fulvic acids. The acidic solution requires dilution in juice or water prior to ingesting. Mineral-rich taste. Contains polyphenol micronutrients (plant biochemicals) such as organic acids, minerals, electrolytes, fulvic acid, minerals, trace minerals, electrolytes, amino acids, organic acids, flavanones, (antioxidants).

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### **MLG-A50™ Alkaline Fulvic Mineral Liquid Concentrate**

**Product Number:** HHAK10FA100

**pH:** 10.8 - 11.4

**Fulvic Acid Content:** 3% - 7%

Validated by Lamar, 2014 (JAOAC 97(3): 721-730) standardized quantification method for fulvic acid.

**Dense Molecular Complex:** 60% polyphenol flavonoid antioxidants, organic acids, amino acids, trace minerals, electrolytes.

**Recommended use:**

A functional ingredient as a stand-alone product.

To alkalize the body and add essential micronutrients to the diet.

10 to 15 drops per day in non-chlorinated liquid -- juice, tea, coffee

**Description:** MLG-A50™ is tasteless and odorless alkaline concentrate with nearly the same spectrum of micronutrients as the MLG-50® Liquid. It adds a pleasant silkiness to water. The alkaline pH has a lower amount of mineral and organic acids compared to the original liquid with slightly higher fulvic acid content. Requires dilution in liquid prior to ingesting.



Kalamazoo, Michigan 49048

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### **MLG-50® Fulvic Mineral Powder**

**Product Number:** HHFMP8090120

**pH:** 7.0 - 9.0

**Fulvic Acid Content:** 40%

Validated by Lamar, 2014 (JAOAC 97(3): 721-730) standardized quantification method for fulvic acid.

**Dense Molecular Complex:** 60% polyphenol flavonoid antioxidants, organic acids, amino acids, trace minerals, and electrolytes.

**Recommended use:**

A functional ingredient to enhance powdered formulations, functional foods and body care products.

Adds essential micronutrients. Recommended daily dosage of 100 mg for a daily dose.

To activate a formula (increase the bioavailability) 12-24mg avg.

May also be used as a stand-alone product.

May be used in capsules, tablets, oils and creams.

Not recommended for beverages.

Balanced ratio of sodium to potassium.

**Description:** A finely milled high fulvic acid, trace mineral nutraceutical powder that is 100% soluble with a neutral pH base. Smoky pleasant taste and aroma. It is a combination of two MLG-50® products followed by a dehydration process. It is stable when added to neutral pH liquids or high pH liquids. If the powder is added to a low pH liquid (pH 2.0 -3.0) precipitation may result over time.

Contains polyphenol micronutrients (plant biochemicals) such as organic acids, minerals, electrolytes, fulvic acid, minerals, trace minerals, electrolytes, amino acids, organic acids, and flavanones, (antioxidants).

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### **MLG-80™ Trace Mineral Liquid Concentrate**

**Product Number:** HHD50

**pH:** 1.5 - 2.0

**Fulvic Acid Content:** < 0.1%

**Recommended use:** A stand-alone ingredient with an acidic base to add trace minerals. Add lemon or lime to non-chlorinated water or juice and then add 10 to 15 drops of Fulvic Lite.

**Description:** The HHD50 is a custom blend with high mineral content and low fulvic acid content achieved through the manufacturing process.



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**MLG-K50™ Black Alkaline Humic Fulvic Liquid Concentrate**

**Product Number: HHK50A50201**

**pH: 11.0**

**Recommended use:** To alkalize or to add color to specialty beverages

**Fulvic Acid Content:** 3%

**Humic Acid Content:** 5%

Validated by Lamar, 2014 (JAOAC 97(3): 721-730) standardized quantification method for fulvic acid.

**Description:**

The Black Alkaline is used for primarily for beverage products. A fully dispersed liquid that offers a higher humic acid content to fulvic acid ratio. It is a mixture of MLG-A50™ and a Leonardite extraction sourced in the United States. This product is used to: alkalize and to infuse products with fulvic & humic organic acids, trace minerals, and electrolytes. Additionally, it is a safe, natural, alternative for caramel coloring.

**Benefits:**

Its alkaline property reduces blood viscosity resulting in blood flowing more efficiently thus increasing oxygen delivery throughout the body. Humic acid binds heavy metals for elimination through the digestive system.

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**Benefits common to all MLG Products:**

Electrically charged micro-molecules help maintain a proper electrolyte balance within our cells and together with trace elements, provide superior hydration and essential nutrients lacking in our diet. MLG-50® products promote better oxygenation, facilitate the elimination of cellular wastes through the antioxidants that are free-radical scavengers, and improves metabolization of sugars and carbohydrates, as studies have shown. Nutrient absorption is enhanced through these mechanisms. Antioxidants are known to lower inflammation, increase mitochondria production, and support the immune response via the gut microbiome. The antioxidants in MLG-50® products have been proven by the TEAC method.

Alkaline products tend to reduce blood viscosity resulting in blood flowing more efficiently thus increasing oxygen delivery throughout the body.

Our products are taken in very small serving sizes to achieve maximum benefit.

*For nearly twenty-five years Mineral Logic has exclusively focused on producing the best fulvic products to enhance human health. Our source is verifiable, sustainable, consistent, and pure.*



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