

MLG-50™ Powder and Liquid Comparisons to Himalayan Shilajit (Mumijo)

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General distinctions of fulvic acid source deposits include:

- Varying degrees of raw material quality and purity
- Manufacturing process

AGE OF DEPOSIT

Coal deposit (Lignite) = 250 million years ago

Cambrian Era sources *possibly Shilajit* = 55.6 million years ago

MLG-50 Mineral Logic = 33.9 million years ago

COUNTRY OF ORIGIN

Most Shilajit comes from the Himalayas –

- India, Pakistan, China, Tibet, Russia, Georgia, Azerbaijan, the Altai Republic, Kazakhstan and Mongolia

MLG-50™ powder and liquid comes from a USA deposit.

COMPOSITION

Both Shilajit and MLG-50™ are phytocomplexes created by the breakdown of plant matter into humic substances, of which fulvic acid and other organic acids are a fractional part.

LAMAR ISO METHOD FULVIC ACID TEST (The US standardized test for fulvic acid)

Himalayan Shilajit (a clinically tested brand) tested 10.02% Fulvic Acid by LAMAR J-AOAC 97: (3)

MLG-50™ Powder 29.52% Fulvic Acid by LAMAR

MINERAL CONTENT

Shilajit has 40 minerals, trace minerals and elements – from our online research.

Mineral Logic's MLG-50™ contains over 70 minerals, trace minerals and elements – from our lab analyses.

AMINO ACID CONTENT

MLG-50™ has significantly greater (29-1900 times greater!) amino acids over Shilajit. More essential building blocks for protein synthesis, metabolism and optimal physiological function.

EXTRACTION

Shilajit deposits have many impurities and concentrations of heavy metals, therefore it must be chemically extracted (with potassium chloride, for example). Finding a certified pure Shilajit product is crucial.

MGL-50™ is extracted with reverse osmosis purified water. One major difference is the absence of high quantities of heavy metals in our raw material that would be left in the product with a water-only extraction method.

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FORMULATING

Shilajit	No liquid offering, difficult to add to beverages. Peculiar aroma and bitter taste. Guarantees of purity are crucial.
MLG-50™	Powder, Liquid plus an Alkaline Liquid Pleasant taste and aroma – slightly smoky-sweet Raw source material is non-toxic, natural extraction process

BENEFITS TO FORMULATIONS AND END USER

MLG-50™	More essential building blocks for protein synthesis, metabolism and optimal physiological function. 18 extra organic acids that are powerful antioxidants. Antioxidants build mitochondria, which fortifies the immune response and recovery from physical exertion (sports, exercise) and stress (emotional and physical such as environmental pollutants). Flavonoids that boost the major operations in the body including better, more efficient carbohydrate, sugar and fat metabolism, digestive function, hormonal and neuro-protection functioning, and immune response efficiency. Heavy metal chelators – flavonoids act as heavy metal chelators to rid the body of heavy metals from traffic fumes, household chemicals and other exposures.
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SINGLE BEST USE OF MLG-50™

A bio-stimulating micronutrient complex that enhances optimal biological functioning where the body needs it, which may fluctuate from day to day –

- Students with hectic lifestyles and processed fast-food diet
- Young professionals balancing career challenges, relationships, raising kids
- People active with physical training or extreme sports
- Anyone recovering from illness or surgery
- Individuals preventing age-related issues

- Hydration and electrolyte balance
- Consistent antioxidant supply

Further notes: Without a full lab analysis on a Shilajit source, a full and complete analytic comparison to MLG-50™ cannot be determined, and therefore, we do not know which *micronutrient similarities* may exist between a Shilajit source and MLG-50™.

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