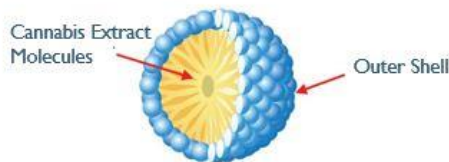


Advanced Nano Encapsulation Technology (“LIX”)

LIX TECHNOLOGY

LIX is a nano-meter scale micelle-like particle which encapsulates the oily molecules of the cannabis extract within another molecule which is both easily dissolved in water and more readily absorbed.



LIX is similar to the product of our natural digestive process when cannabis oil is consumed and metabolized by lipids which form micelles around the oil molecules before entering the bloodstream.



Effective

Fast acting - 10 minute average time to effect

25nm± particle size means LIX can be absorbed through the cheek or skin without digestion.

Clinically proven process is safe and all natural.

Consistent

Fully soluble – perfect dosing by volume

Our ingredients fully integrate into solution, nothing gets left behind on your equipment.

Dosing is always the same in the factory and out of the bottle.

Stable

Process Safe – consistent potency after heat/cool cycles

The protective and anti-oxidant properties of our micelles prevent degradation during processing.

Shelf stable for multiple years, will even stay in solution in a centrifuge.

LIX Water Soluble Hemp Extract contains 15mg of hemp extract per mL, fully dissolves with minimal effort, and is designed to work in standard food and beverage manufacturing equipment as a drop-in ingredient. Our Colorado manufacturing facility can process 90kg of hemp extract per month (6,000 liters of LIX) with the ability to expand to over 400kg per month within the existing footprint.

This technology enables a new world of possibilities for the formulation of infused products. LIX’s consistency and stability properties translate directly into value for the product and brand. Unlike the traditional emulsification techniques LIX fully dissolves, leaves no residue on the surface, and nothing settles out to the bottom of the container. Testing shows consistency of potency and stability for 16 months.

Potential uses include: functional beverages, spray tinctures, food additives, cosmetic ingredient