

QA/QC & ANCILLARY STANDARDS

OUR QUALITY STANDARDS ARE MANY AND VARIED

QUALITY STANDARDS ARE THE BASIS OF TRUST & CONFIDENCE IN A PRODUCT

Our view and approach to quality operate within multiple quality standards. These standards serve five purposes. **1st**: assure that ingredients are 3rd-party lab-verified for identity accuracy and are contaminant-free. **2nd**: assure clean, contaminant-free facilities and production operations. **3rd**: assure finished products are safe for human and animal consumption. **4th**: assure compliance with our additional layers of in-house quality standards. And **5th**: meet social, ecological, and environmentally responsible practices.

– Because We Care! –



U.S. FDA Registered & GMP Audited

The manufacturing facility and operations of LHI™ products are FDA-registered and audited to FDA GMP standards as posted in 21 CFR Parts 110 and 111 for the dietary supplements industry.



NSF GMP Certified

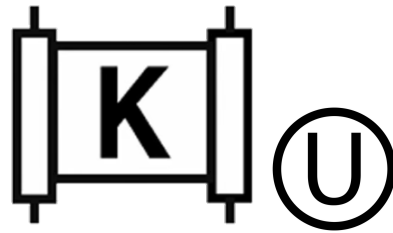
The manufacturer of LHI™ offerings is NSF GMP certified and inspected. NSF certification is considered one of the highest, most rigorous, and most comprehensive standards in the consumable products industry worldwide.



3rd Party Lab Testing

Independent 3rd party lab testing is an integral part of the manufacturer of LHI™ offerings' ongoing QA/QC standards and an FDA GMP-audited and NSF GMP-certified requirement.

All incoming raw herbs are lab-tested for exact identity and to ensure they are contaminant-free, and all processed products, both bulk inventory and finished bottled inventory, are again lab-tested for consumable safety and stability. Glycerin and water also undergo 3rd-party lab testing for identity, safety, and purity. The manufacturer of LHI™ offerings did 3rd-party lab testing long before the FDA mandated it for our industry.



Kosher (Kashrus) Certified

Scroll K is an Orthodox Union Recognized Affiliate

The manufacturer of LHI™ offerings was the first liquid herbal products company in the industry to be Kosher certified. All of its retail branded products are Kosher certified. The manufacturer is also OU-approved for Passover production of its Kosher-certified products.



Halal Certified

The manufacturer of LHI™ offerings is the first, and currently the only liquid herbal products company in the industry to be Halal certified. All of its retail branded products are Halal certified. The ISA (Islamic Services of America) Halal certification is internationally recognized and proves beyond a shadow of a doubt that all our products are 100% alcohol-free! None is ever used in making our products.



Vegan Certified

The vegan certification of the retail branded products of the manufacturer that makes LHI™ product offerings comes from one of the most stringent vegan certifiers in the industry.



100% Alcohol-Free!

We've been doing totally ALCOHOL-FREE longer than anyone else in the industry; therefore, we are more knowledgeable and the most experienced in the liquid herbal products industry at making alcohol-free products. • Alcohol's denaturing, inert-rendering, and oxidation-driving effects on many herbal constituents and components can negatively impact the efficacy potential and stability of herbs. Denatured' is defined as: "To take away or alter the natural qualities of. Alter or destroy characteristic properties by disrupting molecular conformation." We're talking basic chemistry here. No alcohol is used at any time in making an LHI™ offering – NONE! Our Halal certification further verifies this.



Clinically Tested Ingredients

Many of the herbal ingredients used in LHI™ offerings have been subjected to rigorous scientific studies and clinical tests to ascertain their effects, the effect(s)-causing constituents, levels of effectiveness (if any), and safety issues that may be relevant to our industry. The herbal products industry has undergone ongoing constituent-based studies and clinical testing of ingredients for decades, and over the past decade and a half, research-based clinical testing of herbs has increased substantially. Contrary to what the media and many contrarians may gaslight the public into believing, herbs work and have been proven to do what millennia of herbal use has already shown. Science is only now catching up with what traditional herbal medicine systems already know, not the other way around.

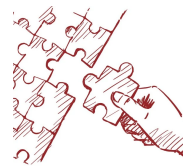


'Whole' Herb Poly-Constituent Based



WHOLE

Versus



FRACTION/ISOLATE

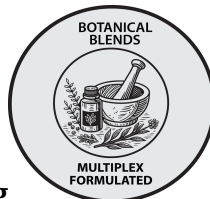
No one would call the isolates of β Carotene or Vitamin A derived from a carrot a vegetable

or a carrot. That would be absurd. So it is with herbs. A single constituent or single group of constituents taken from an herb, like taking a puzzle piece from a whole puzzle, does not mean those super-concentrated fraction-isolate phytopharmaceutical extracted components are that herb, or even an 'herb' anymore. For instance, standardized Berberine fraction/isolate concentrate taken from Oregon Grape root is not standardized Oregon Grape root or even an herb, it's Berberine, just like vitamin C derived from an Orange is not an Orange or even a fruit, but simply vitamin C! This truism is a scientific and chemical fact! The manufacturer's Multi-Dynamic (i.e., TincTract®) processed herbal concentrates contain the primary/secondary/tertiary/quintenary broad spectrum of an herb's constituents and micronutrients, like a whole puzzle, thus retaining the phytochemical and micronutrient ratio-intact integrity that, in turn, preserves the intrinsic synergies and therapeutic and nutritional potential of the whole herb.



True to Taste Quality TRUE TO TASTE

Taste is a major indicator of extractive quality and potential, especially regarding the removal and retention of broad-spectrum constituents and the herb's natural 'true' flavor integrity. Oral taste receptors are crucial for proper digestive function and systemic energy and vibrational-based responses throughout the body in response to what is consumed. Properly functioning taste receptors, when stimulated by 'true-to-taste' foods and herbs, are essential to health, restoration, regeneration, nutrition, and well-being. The Multi-Dynamic processed liquid herbal glycerites retain the 'true-to-taste' quality of herbs. In contrast, alcohol- or other solvent-based products alter an herb's flavor factors and diminish, distort, or change its effects on oral taste receptors, digestion, and systemic energetic effects. Due to the 'true-to-taste' quality of the manufacturer's Multi-Dynamic processed liquid herbs, they work with the taste receptors in the mouth to integrate digestive processes and systemic responses, as well as energetic and vibrational responses throughout the body. Additionally, Dry herbal preparations, such as dehydrated, powdered, or freeze-dried preparations that are encapsulated or in tableted forms, bypass the oral taste receptors and thus short-circuit the intrinsic bio-synergy that is an essential part of benefiting from the therapeutic, restorative, regenerative, and nutritive aspects of an herb's constituents via taste receptors.



Multiplex (Differentiated) Formulating

LHI™ botanical blend offerings are formulated utilizing a synergy-driven *Multiplex* approach unique to the manufacturer company that makes LHI™ product offerings and its founder, L. Carl Robinson, MH, FH, TT, CCHt, RH(AHG). It's another part of Carl's *Reinventing Liquid Herbs!*™ It is a highly differentiated approach specific to Multi-Dynamic (TincTract®) made totally alcohol-free liquid herbs, based on over five decades of

primary and ancillary studies and observational experience, that includes allied scientific disciplines, and over four decades of clinical & formulary herbalism, nutritional science, CAM practice, and process-related fluid chemistry applications for differing botanicals. Multiplex formulating utilizes multiple inputs and considerations to formulate herbal blends. It is one of the most diverse, synergy-driven, and comprehensive approaches to formulating complex liquid botanical blends in the industry, producing highly differentiated, efficacious, and good-tasting formulary-based liquid botanical blends. Carl is a highly sought-after formulary herbalist in the industry, known for his combining tradition with science in his Multiplex formulating. Most of his formula blends are industry originals that are now widely imitated in the marketplace but never equaled



Ethically Wildcrafted Ingredients

LHI™ product offerings prefer using ethically wildcrafted and wild cultivar botanicals in its products that meet good preparation and packaging standards because they grow in wild, unimpeded, chemically-free, naturally enriched soil growing conditions that are more natural and biologically viable than even certified organic cultivated botanicals are (though we also use organic certified/verified ingredients). We ask our botanical vendors to provide verified, ethically wildcrafted or wild-cultivar herbs when available.



Also Using Organic Ingredients

The manufacturer of LHI™ products uses certified organic cultivated botanicals if ethically wildcrafted or natural wild-cultivars are not available. The manufacturer of LHI™ product offerings also buys direct from organic growers whose botanicals meet GAP and FDA GMP standards for cleanliness, identity, and purity. From there, 'naturally-grown' and verified pesticide-free conventionally grown herbal ingredients may be used. Regardless, all incoming botanicals undergo 3rd-party identity testing and chemical and contaminant testing, meeting the basis for an 'organic' standard.



GMO-Free!

The manufacturer of LHI™ product offerings sources only botanical ingredients that are GMO-free, all-natural, and grown naturally.



USP-Grade, Halal & Kosher Certified, Vegetable Glycerin

The manufacturer of LHI™ product offerings supports sustainable palm growers. Glycerin is derived from fats and heavy fixed oils by separating the glycerin from the fatty acids via a process known as fractionation, resulting in food oils and glycerin. The manufacturer of LHI™ products uses USP Grade, non-GMO, Kosher & Halal-certified Vegetable glycerin.



Preservative-Free!

No preservatives are added to LHI™ herbal glycerite concentrate offerings, as some other companies do to their herbal glycerite products. The combination of the Multi-Dynamic (TincTract®) process and the higher glycerin-to-water percentage used in making our products has never required preservatives.



Additives-Free!

LHI™ liquid herbal glycerite concentrate offerings and our white-label available glycerite of mono-element-based diiodine-molecular (I₂) iodine products do not contain any additional additives. This includes flavorings, colorings, mineral additives, additional sweeteners (our products already have a sweet background from glycerin), and emulsions (none needed, as our process technologies, combined with glycerin, maintain ultra-suspension of components). Only herbs, vegetable glycerin, and multi-stage purified water that are subjected to the Multi-Dynamic process are contained in LHI™ totally alcohol-free liquid herbal product offerings.



Kid Tested & Mom Approved

It's very difficult to placebo-effect a child. A tested product either works or it doesn't! The manufacturer of LHI™ products, Children's Formula Products, was the first of its kind in the industry and marketplace and continues to lead the way. Potent, effective, and great-tasting, they have no equal. Moms approve of our kids' formula products because they are safe,

effective, and taste good. Taste is the most essential part of getting a child to take liquid herbs, and Moms are elated that our 'true' alcohol-free liquid herbs meet all their desires and their kids' herbal needs. That's why Multi-Dynamic processed Children's herbal formulas are both kid- and mom-approved!



Pet Approved

Pets are great subjects for determining whether something works or not, because a pet cannot be placebo-affected – the product either works or it doesn't. The manufacturer of LHI™ product offerings, Pet formulas, was the first of its kind in the industry and marketplace, and over the many decades has stayed at the forefront and been proven effective in both domestic and veterinary use. Like our Kids formulas, the effectiveness of our Pet formula products further attests to the Multi-Dynamic process, Multiplex formulating approach, and quality standards.



Fair Trade Oriented

LHI™, and the manufacturer of its product offerings, support fair trade principles and practices. We request our ingredient vendors to provide fair trade ingredients when available. The herbal products industry requires botanical ingredients from around the world, many of which are provided by small-scale wildcrafters and growers. Being fair with these hard-working individuals is an important part of the ethical integrity that our herbal industry should convey and support.



Gluten-Free! *Gluten free*

LHI™ product offerings contain no gluten-containing ingredients. We use only herbs, vegetable glycerin, and multi-step purified water to make our liquid herbal products, using the revolutionary and proprietary Multi-Dynamic (TincTract®) process. The same applies to the Pureodine™ processed molecular iodine product (available as a 'white label' offering), which contains only pure deep earth-sourced elemental iodine, vegetable glycerin, and multi-step purified water. We are also Soy-Free and Sesame-Free.



Astounding Product Stability

The 'Anchor' symbol represents 'STABILITY' in commerce and the business world. All LHI™ finished product offerings are 3rd-party lab-verified for safety and stability. Based on 3rd-party lab testing, the manufacturer of LHI™ liquid herbal product offerings has the most shelf-stable liquid herbal products available, possessing a lab-verified 6-year BBD (Best By Date) listing. No REDOX, particulate, flaking, inverting, or degradation indicates the high quality and astounding stability that the Multi-Dynamic (TincTract®) process imparts to a finished product. LHI™ product offerings are so high in quality, purity, and stability that they don't require refrigeration after opening.

LHI™ products manufacturer Cedar Bear Naturales® is the recipient of the 2025 UMA (Utah Manufacturers Association) award for 'Environmental Stewardship.' Of 3,200 manufacturing businesses in Utah, Cedar Bear Naturales® was chosen for this award in 2025. By association, LHI™ is a beneficiary of that award. The following three ancillary quality standards underscore our commitment to being environmental stewards of the community and planet, as verified by the 2025 UMA Environmental Stewardship award.

ENVIRONMENTAL STEWARDSHIPS WE COMPLY WITH



ECO-FRIENDLY Practices

Eco-Friendly also means being 'Earth-Friendly.' Ecological awareness is a fundamental quality standard for LHI™ and the manufacturer of LHI™ product offerings. We are sensitive to the impact that a manufacturing endeavor can have on ecology and the environment. The manufacturer of LHI™ product offerings has a low, sustainable 'Erg index' and is very eco-friendly. The 2025 UMA 'Environmental Stewardship' award is a huge recognition of our Eco-Friendly awareness and practices.



Carbon Neutral Practices

The manufacturer of LHI™ product offerings is carbon-neutral-focused on numerous fronts. We use hydropower-sourced electricity or clean natural gas that leaves little to no carbon



The manufacturer of LHI™ product offerings believes in and lives by the four Rs of ethical manufacturing: Reduce, Reuse, Repurpose, and Recycle. Because of our highly efficient 'serialized' Multi-Dynamic (i.e., TincTract®) process, we use less herb material while still achieving equal or greater potency and efficacy, meeting the 'Reduce' principle. We prep and reuse many containers, packages, and filler materials for outgoing needs, meeting the 'Reuse' principle. Numerous one-time-use items received are in turn used for other purposes, such as cardboard boxes and spent packaging being used at our garden farm, or empty glycerin drums being used for growing containers or water storage for late-season garden watering, or sold/donated to local farmers and businesses for their needs, thus meeting the 'Repurpose' principle. Where possible, we send items that can't be repurposed or are worn out to be 'Recycled.' Practicing Zero Waste is not only good for the environment, but also good for the manufacturer of LHI™ product offerings, as it saves money, reduces unnecessary waste buildup, and allows us to do neat stuff that otherwise would not be possible without reused or repurposed items.



The manufacturer of LHI™ product offerings (Cedar Bear®) also incorporates additional in-house quality oversight into the operations and handling of its products, such as: additional facility QC standards; site and data server security; perpetual inventory control; audits that include rigorous raw inventory management; processed bulk herbs, and finished products cycling to assure all levels of inventory move in a FIFO fashion; and expanded personnel hygiene and clean room standards that often exceed those done in our industry at large.



Trust & Integrity!

Trust & Integrity are essential quality ingredients in a 'B to B' (Business to Business) or 'B to C' (Business to Customer) relationship. Trust & Integrity are the glue that makes win-win scenarios possible. LHI™ and the manufacturer of its products, its founders, management, and employee team know the importance of trust & integrity. Trust & integrity aren't old-fashioned principles to be thrown to the wind or swept under a rug; they cement ongoing loyalty between LHI™ and its customers.



Majority Woman-Owned & Woman-Run

The manufacturer of LHI™ product offerings, being an SBA-registered majority woman-owned and women-operated business, reflects the inclusivity it operates from. For the manufacturer of LHI™ product offerings, which is reflected in LHI™, inclusivity means non-discriminatory hiring based on a person being 'qualified' for the position they are applying for. An inclusive, qualified team contributes to our company's success, reflected in our outstanding product quality and service.



AHPA Member

As a member of the American Herbal Products Association, the manufacturer of LHI™ product offerings (Cedar Bear Naturales®) is part of a trade organization that lobbies at the national and state levels to give our industry a voice with D.C. and state lawmakers and agencies. AHPA encourages the industry's highest standards of quality, product safety, and compliance with the law and regulatory policies. AHPA advises the industry and its member companies regarding regulatory changes (proposed and actual), postings of FDA warning letters to non-compliant 'Bad Player' companies, and provides and sponsors numerous workshops, seminars, and informational conferences throughout the year regarding quality control, education, emerging technologies, and legal compliance issues.



Manufactured in the USA Products

All product offerings from LHI™ are manufactured in the USA at our Roosevelt, UTAH manufacturing facility & operations, using herbs and materials sourced domestically and worldwide. All products are manufactured from top to bottom. Our unique, proprietary

manufacturing technologies originated here in the USA, and as a legacy-based company, we have chosen to keep them here.



Been Doing It Since 1982

Our manufacturer's (Cedar Bear Naturales®) founder, L. Carl Robinson, MH, FH, TT, CCHt, RH(AHG), first conceived, modeled, and developed the flagship totally alcohol-free serialized, multi-step, multi-dynamic processing technology, the Multi-Dynamic (TincTract®) process, in 1982. That totally alcohol-free pedigree has continued through proprietary generational advancements and refinements up to the current 12th-generation Multi-Dynamic (TincTract®) process, which includes the **M**olecular **E**nergy **I**nduction **M**odulating **H**armonizer (MEIMH™) to amplify naturally occurring dielectric synergies, enhance extraction potential, and increase product stability. This results from our deep knowledge and experience in this highly specialized segment of the herbal products industry, and it shows in the outstanding uniqueness, innovation, and quality of our products. We are the original and most innovative, and it doesn't get any better than that!

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Cedar Bear Naturales® reserves the right to change herbal formulations, prices, and sales policies as needed, without prior notice.

With changing weather patterns and other issues that may affect the supply of individual herbs, we may need to adjust our herbal formulas as the formulator deems necessary. When needed, we will ensure the formula's effectiveness is not negatively affected by the change.