

Advantages of Glycerin (vs. Alcohol)

- Does Not Denature or Render Actives and Compounds Inert
Alcohol denatures and renders many active constituents and numerous compounds inert, such as aromatics, enzymes, polysaccharides, etc. It's part of alcohol's intrinsic nature. Glycerin possess no such denaturing or inert rendering properties.
- Possesses Microencapsulating properties
Unlike alcohol, high glycerin-to-water extractive bases possess remarkable microencapsulating qualities that encapsulate many extracted constituents and compounds in the glycerin matrix. This reduces ingredient inversion and precipitation, arrests components complexifying and retards REDOX (i.e. Reducto-Oxidative reactions).
- Preserves Each Herb's Intrinsic Taste
Glycerin possesses the quality of preserving the intrinsic taste factors important to the efficacy an herb. No other solvent or chemical extractive agent, including alcohol, possesses this quality. That is why *'Genuine TincTract® Made'* products taste so good and are taste-true to the raw herb ingredient itself.
- Possesses Low Glycemic Index/Load & Low Hyper-Glycemic Index
Both alcohol and glycerin possess a low glycemic index/load. Only glycerin possesses a low hyper-glycemic index (unlike alcohol, which converts very quickly to sugars in the body, glycerin converts so slowly to sugars that it does not have a high hyper-glycemic index that affects diabetic conditions). This is why glycerin is preferred not only for diabetics but for hyperinsulinemic conditions as well.
- Unmatched Safety, Purity and Stability
Unlike alcohol, which has a chemical *sterilizing* action that 'kills' bacteria outright (and in doing so also renders inert and denatures many other compounds), glycerin possesses a bacteriostatic action (i.e. deprives bacteria/spores of moisture – dehydrates them) that has a *sterile* effect without denaturing or rendering other compounds inert. In fact, *Genuine TincTract® Made* products, due to the TincTract® manufacturing process and the high glycerin content (65+%), are so pure and safe (no added chemicals or preservatives) that they possess *Absolute Preservability*, so much so that the product labels state a **4-year** *expiration* date from date of manufacture, and require no refrigeration after opening... an industry first!



Pure Health TincTract™ Herbal Liquid Extracts are uniquely manufactured by CEDAR BEAR NATURELS