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Vediol and CBD Laboratory Testing - Certificates of Analysis

Most CBD laboratory testing is based on AOAC extraction methodologies originally developed for evaluating vitamin content and involve Alkaline and/or Acid hydrolysis. Most vitamins of the time period in which these methodologies were developed were synthetic in nature and were manufactured as salts in order to maintain stability. Since the cannabinoid compounds in Vediol are not in the form of a salt, but in fact a triglyceride encapsulated nanoparticle, they require highly specialized enzyme hydrolysis to first extract and free up the compounds of interest one desires to test for. Alkaline and/or Acid hydrolysis is a far too intense extraction procedure, resulting in destruction and/or alteration of the compounds. This makes them difficult to properly detect if not first extracted properly; and much more so than other CBD products lacking the sophisticated triglyceride encapsulated nanoparticle technology found within Vediol.

Furthermore, it must be noted that extraction, and instrument analysis, are two separate procedures. Just because the same instrument analysis is used among different products doesn't necessarily mean that similar results will be demonstrated, being properly reflective of actual compound concentrations. It must also be understood that the extraction process required when working with Vediol (*due to our sophisticated technology*) is very sensitive and, requires a prior knowledge regarding the technology and expected concentrations of the compounds of interest.

Note - *when considering Independent Certificate of Analysis (COA) reporting, a 10% variation in independent laboratory reporting versus product contents is scientifically considered normal for COA product labeling accuracy. Plus, laboratories must be familiar with and able to work with the technology within Vediol to obtain accurate representative results.*

**Superior Environmentally Friendly Solutions
for Animal Care & Facility Maintenance**

