



# Seed to Seal™

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## The Importance of Testing Young Living Essential Oils

Creating authentic essential oils means ensuring that every step of the process is followed with precision and integrity. This is especially important when scientifically testing the oil's purity and potency after distillation. Testing essential oils is important because it ensures every bottle captures the true energy of the plant.

When a new essential oil comes to the Young Living testing facility, it undergoes a rigorous set of tests. The tests can quickly determine if the oils have been subjected to dilution, cutting, or adulterated processes. Oils that exhibit even the slightest hint of possible adulteration or tampering are rejected.

Additionally, tests confirm that the optimal level of beneficial constituents is present in each batch. Any oils that do not meet established therapeutic levels are discarded—Young Living only seals and ships oils that meet both purity and potency standards.

### Testing Standards

Young Living doesn't only meet, but far surpasses quality standards generally accepted by our competitors. Frequently, organizations like The Association French Normalization Organization Regulation (AFNOR) and International Standards Organization (ISO) are cited by companies to assert oil quality. However, AFNOR and ISO only differentiate between lower-grade fragrance oils and therapeutic-grade essential oils—they do not measure actual oil purity or potency. Young Living essential oils fit in a higher category. The level of quality found in Young Living oils supersedes any known industry certification.

Young Living uses its own internal labs, in addition to third-party audits, to verify that Young Living purity and potency standards are met. Each batch of essential oil is sent through six rigorous tests and compared to established quality benchmarks:

- Gas Chromatograph—Measures the percentage of constituents (plant chemicals) in the oil.
- Mass Spectrometer—Identifies the names of each constituent in the oil.
- Refractive Index—Measures the density of the oil using a concentrated beam of light.
- Specific Gravity—Measures how heavy the oil is as compared to water.
- Flash Point—Ignites the oil and tests it against standard flash temperatures.
- Optical Rotation—Measures the molecular structure of the oil.

Once the tests are complete, the results are compared to the vast library of information Young Living has amassed over 20 years. This library of oil data is unmatched in the industry. With the recorded data, new oils can be compared to past samples, allowing for a consistent product. If the incoming oils do not meet the established profile, they are rejected and not allowed to be bottled as a Young Living product.

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YOUNG LIVING  
ESSENTIAL OILS

## How to Talk About Seed to Seal

**When asked why Young Living essential oils are special, explain that the efficacy of the products is wholly attributed to the Seed to Seal process. If you only have a minute to talk, try using this short explanation:**

Young Living's authentic essential oils capture the pure energy of the plant. This energy has proven therapeutic properties that can help move you to a life of wellness, purpose, and abundance.

Young Living's oils are more effective than others on the market due to our strict quality-control process. From the moment the first seed is sown until the oil is sealed in the bottle, the Seed to Seal process ensures our oils deliver expected results.

### The process has five steps:



**SEED:** Potent essential oils come from plant species that have been authenticated by Young Living and industry experts.

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**CULTIVATE:** Soil preparation, balance of sun and water, and responsible weed and pest control ensure our stringent standards are met.

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**DISTILL:** Young Living's proprietary low-temperature, low-pressure steam distillation process assures that the beneficial plant compounds in every batch of oil remain uncompromised during the extraction process.

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**TEST:** Each essential oil must pass Young Living's stringent testing to ensure the optimal bioactive natural compounds are present.

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**SEAL:** Young Living completes the Seed to Seal process by carefully sealing each bottle of essential oils and shipping to members worldwide.