



## Oregano Essential Oil

### What you need:

- EssenEx™ 100 Distillation Kit
- 100 grams of Oregano, chopped or ground.

### Preparation:

- Place Oregano in Freezer for 24 hours.
- For initial runs, use 100 grams. Later, more or less may be used.
- It may be necessary to add water to powder with ratio ½ ml water per gram of botanical. ( ½ :1 by mass), try first run without added water.
- Place in EssenEx™ as described in user manual.

### Trial:

- Place the reactor into the microwave with mug of water.
  - o If multiple batches are run, change water in the mug between trials.
- Each batch should run for 5.5 minutes on a power setting of HIGH (1100 watts)
  - o Lower power units: simply add 30 seconds to a minute for the cooking phase.
- Allow the batch to cool for 6 minutes. In or outside the microwave. Caution: do not raise lid prior to 4 minutes and be careful if moving from microwave as jar will be quite warm initially.
  - o This is a key step to your success. Cooling allows the vapors to condense and form more oil and it allows the reactor to be handled much easier!

### Collection:

- Pour top contents of the beaker into the easy separator and rotate it using the palms of your hands while resting it on a cloth (kitchen towel) on a hard surface (counter top). The motion should be similar to starting a fire with sticks.
- After a few seconds, stop rotating the separator and observe the oil layer.
- Repeat the process if you believe more oil will collect.
- Once the oil is separated (above the hydrosol in the neck of the flask), use the pipette to place it in a vial.

### Yield:

- Upon lifting the lid, a small amount of ice should be remaining on screw.
  - o If not, then reduce the amount of water added.
- With nominally good Oregano, 0.2 to 0.4% by mass.
  - o 100 grams yields roughly 0.2 to 0.4 ml oil.

For any question please contact us at [Info@oilxtech.com](mailto:Info@oilxtech.com) or fill out our Customer Feedback at our website <http://www.oilxtech.com/contact-us/>