



FRAG0841

**RECIPE - 100ML DIFFUSER**  
**LAVENDER SPA IN PERFUMER'S ALCOHOL**



# CANDLE SHACK

## DESCRIPTION

### LAVENDER SPA

TOP NOTES - LAVENDER

HEART NOTES - LAVENDER

BASE NOTES - LAVENDER

FRAG0841

## INGREDIENTS FOR EACH DIFFUSER

<a href="#">1x 100ml Diffuser Bottle</a>
<a href="#">12.3g of Lavender Spa Fragrance Oil</a>
<a href="#">69.7g Perfumer's Alcohol</a>
<a href="#">8x 4mm Rattan Reeds</a>
<a href="#">1x 100ml Diffuser Cap</a>

## BASE

Perfumer's alcohol is a dilutant that dilutes both essential and fragrance oils. It's designed for perfume making as well as room/linen sprays. Made with a combination of alcohol denat, iso propyl myristate and dipropylene glycol, this skin-friendly and crystal-clear dilutant is the perfect perfume mixer.

## VESSEL

Our diffuser bottles are made from high-quality durable glass and are used by many luxury brands. Their wide neck allows up to six 6mm ultra-thick rattan reeds or many standard 4mm reeds.

## REEDS

Rattan reeds are made from high-quality and responsibly-sourced natural material. They are the perfect complement to perfumer's alcohol diffusers.

Diameter: 4mm

Height: 250mm

## METHOD

- Place the empty diffuser bottle on a balance or scale.
- Re-zero the scales and weigh the diffuser base into the diffuser bottle.
- Re-zero the scale again and weigh the fragrance into the diffuser bottle.

- Ensure that no liquids have contaminated the neck or threads of the bottle.
- Insert the plastic stopper and press down firmly to ensure that it does not leak.
- Shake the mixture to ensure that the fragrance is fully dissolved in the diffuser base.
- Screw the diffuser cap on firmly, taking care not to over-tighten the cap.
- Stick the CLP label to the base of the diffuser bottle and the box, if using one.
- Place the diffuser and the reeds into the diffuser box and close.

## DISCLAIMER

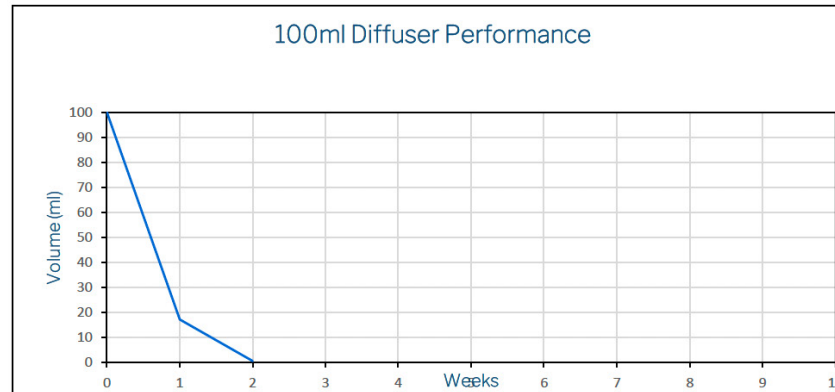
Candle Shack's Diffuser Test Reports are based on laboratory trials that are designed to replicate the temperature and air movement of a typical room. The temperature range of the testing arena is between 15°C and 25°C. The performance of a diffuser will vary depending on where the diffuser is located in a room and may also vary seasonally, so it is recommended that you conduct your own testing to ensure that you are satisfied with the performance of your diffuser. Each diffuser recipe contains a maximum of 15% fragrance oil by weight. The concentration will be lower if the maximum level of use permitted by the IFRA Certificate of Conformity for the fragrance oil is less than 15%.

# CANDLE SHACK

## Diffuser Test Report

<b>Date</b>	14/11/23
<b>Fragrance</b>	Lavender Spa
<b>Diffuser Volume*</b>	100ml
<b>Diffuser Base</b>	Perfumer's Alcohol
<b>Weight of Diffuser Base*</b>	69.7g
<b>Weight of Fragrance Oil*</b>	12.3g
<b>Reed Type</b>	Rattan Reed - 4.0mm x 250mm
<b>No. of Reeds</b>	8

100ml Diffuser Performance



### \*Diffuser Volume v Weight

The density of perfumer's alcohol is 0.79 g/cm<sup>3</sup>. This means that 100 ml of perfumer's alcohol weighs around 79g. When fragrance oil is added, the density of the resulting solution increases to approximately 0.82 g/cm<sup>3</sup>, so 100 ml of perfumer's alcohol containing 15% fragrance oil weighs around 82g. A 100 ml diffuser containing 15% perfumer's alcohol contains approximately 69.7g perfumer's alcohol and 12.3g fragrance oil.

### A Recipe for Safety and Performance

Candle Shack Diffuser Recipes contain no more than 15% fragrance oil by weight as we believe this to be a suitable percentage to give excellent diffuser performance. If the IFRA maximum permitted level of fragrance oil is less than 15%, the percentage concentration will be lower. IFRA Conformity Certificates for all our fragrance oils can be found on our website.

### Diffuser Testing

All fragrance oils behave differently in diffusers, so our recipes have been tested in our R&D laboratory. Testing was conducted in areas of moderate traffic and room temperatures of 16 - 25°C to simulate average room conditions. The performance of your diffuser will depend on the temperature, air flow and size of the room or area where the diffuser is placed.