



FRAG0861

FULL
TEST REPORT
COMING SOON

RECIPE - 30CL

ROCK SALT AND DRIFTWOOD IN 464 (NOW MADE IN EUROPE)

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DESCRIPTION

ROCK SALT AND DRIFTWOOD

TOP NOTES - OZONE, SEAWEED

HEART NOTES - CYCLAMEN, WATERLILY

BASE NOTES - DRIFTWOOD, AMBER, PATCHOULI, MUSK

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INGREDIENTS FOR EACH CANDLE

| |
|--|
| 1x 30cl Glass Jar |
| 22g of Rock Salt And Driftwood Fragrance Oil |
| 198g of Golden Wax 464 (Now Made In Europe) |
| 1x CL14 Wick |
| 1x 15mm Adhesive Wick Pad |
| 1x Three Jar Wick Centering Tool |

WAX

Made by global wax giant AAK in Sweden, Golden Wax 464 is an excellent soy container wax. It offers a powerful hot and cold scent throw, fantastic glass adhesion, smooth resets and is produced under rigorous ethical and environmental standards.

VESSEL

Our Lotti 30cl glass is manufactured in Italy and meets the highest standards of clarity and tolerance.

Height: 90mm

Diameter: 78mm

Internal height: 75mm

WICK

Crafted from unbleached cotton and interwoven with a linen thread, CL candle wicks are innovative flat wicks designed to minimise afterglow and smoking while maintaining rigidity. All wicks are 110mm long with a thin paraffin coating for stability.

USAGE RECOMMENDATIONS

- We recommend working at an ambient temperature of 18 to 25°C.
- We recommend heating 464 to 70°C to melt.
- Add the fragrance at 65-70°C and stir until homogeneous.
- The mixture is ready to pour at 60-70°C into jars at room temperature.
- If the top is uneven once set, you can flash the surface with a heat gun.
- Leave the candle to cure for at least 2 days at 18 to 25°C for consistent results.

DISCLAIMER

Each report shows test results for a set of candles made by Candle Shack's R&D team for that particular recipe. The test reports are not a guarantee that all candles made to the recipe will burn in exactly the same way. Variables such as ambient temperature, air flow, or the manufacturing process can affect the burning profile of a candle, so it is recommended that candle makers conduct their own testing to ensure that they are satisfied with the performance of their product.

CANDLE SHACK

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Technical report on a test set of candles made in Candle Shack R&D department for sooting
behaviour testing.

Date of Report: 13/12/23

Testing Period: 11/12/23 - 12/12/23

| | | | |
|------------------|--|--------------------|------|
| Sample Ref | RCP01701-1 | No. of Samples | 3 |
| Candle Name | 30cl Rocksalt & Driftwood Candle, 10% in Soy Wax | | |
| Description | 220g Soy Wax Fragranced Candle | | |
| Fragrance | Rocksalt & Driftwood | Weight per candle | 22g |
| Wax | GW464 (Now Made in Europe) | Weight per candle | 198g |
| Colour | Off White | Height | 92mm |
| Wick Type | CL14 | Top Diameter (ext) | 82mm |
| Wick Positioning | Centred | Top Diameter (int) | 76mm |
| Surface Defects | None | Base Diameter | 76mm |

TECHNICAL REPORT

Part 1: SPECIFICATION FOR SOOTING BEHAVIOUR

To evaluate the performance of a test set of candles in a controlled environment against the requirements of BS EN 15426:2018 (Candles. Specification for sooting behaviour)



CANDLE SHACK

Part 1: SPECIFICATION FOR SOOTING BEHAVIOUR

Requirement

When tested in accordance with clause 9 of EN 15426:2018, the average soot index per hour from three tests (samples) shall be less than 1.0/h

The room temperature during testing was 20±5°C

Wicks were trimmed to 5mm before lighting.

Cycles: 3 x 240 ± 5 min cycles with >60min pause between cycles

Soot testing was performed in wire mesh cylinder Type 2 (Diameter: 300 ± 10 mm)

| Sample Ref. | Total burn time t_m (h) | Hourly soot index Si_h | Average soot index per hour Si_h | Result |
|--------------|------------------------------|-----------------------------|---------------------------------------|--------|
| RCP01701-1.1 | 12.00 | 0.13 | 0.43 | PASS |
| RCP01701-1.2 | 12.00 | 0.15 | | |
| RCP01701-1.3 | 12.00 | 1.02 | | |

Notes and Discussion:

