

# CERTIFICATE OF ANALYSIS



**To:** Candle Science  
Durham, NC 27703  
Attention: Quality Control

**Product:** Golden Wax 444-45 5715-02-45GW  
**Lot #:** 11/17/23      **Mfg. Date:** 17-Nov-2023  
**Sample #:** W231117-145427      **Ship Date:** 12-Dec-2023  
**Order #:** 470099      **Container #:** 1037  
**Contract #:** 168434

**Customer PO/Release:** 2310/2310

**Customer Product:** 45# 444 WAX -- Golden Wax 444-45- 5715-02-45GW

## Label Ingredient Statement

**USA:** Premium Soy Wax

Contains partially hydrogenated vegetable oil(s). To be used in accordance with applicable laws and regulations of the United States (US Food and Drug Administration, 21 CFR Part 170) and country of import.

**Additives:** Soy Based Emulsifier

| Method - Test Parameter | Result | Units     | Min   | Max   |
|-------------------------|--------|-----------|-------|-------|
| Mettler Drop Point      | 125.0  | Degrees F | 119.0 | 125.0 |
| Flavor                  | BLAND  |           |       |       |
| Color - Red             | 0.9    | Lovibond  |       | 3.5   |
| FFA - As Oleic          | 0.038  | %         |       | 0.500 |
| Peroxide Value          | 0.36   | meq/kg    |       | 1.00  |
| Iodine Value            | 49.9   |           | 45.0  | 55.0  |
| Impurities              | Pass   |           |       |       |

All physical and chemical analyses are determined as packed. Flaked shortening may have visible condensate present due to temperature variables in the flaking process.

For reference, the AAK RSPO certificate # is: BMT-RSPO-000286.

The RSPO certificate number only applies to sales contracts of certified sustainable products (Segregated or Mass Balance).

Note: the reported test results pertain to the sample submitted for analysis.  
This certificate is produced electronically and is valid w/o a signature.

Tarah Dobbins

Print Date: 12-Dec-2023 13:06

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