

**1. PRODUCT**
**REFERENCE**  
**PRODUCT NAME**

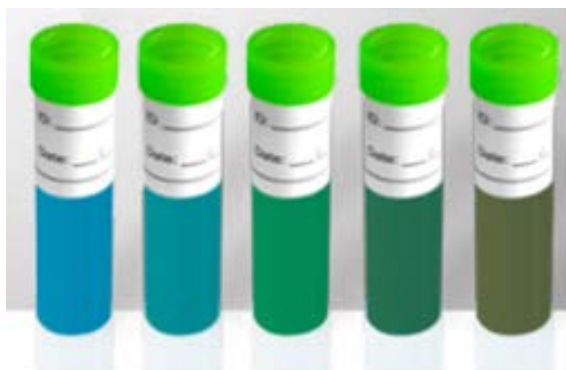
 OTTB001  
 OleoTest

**PRODUCT'S DESCRIPTION AND APPLICATION OF THE SUBSTANCE / PREPARATION**


Mixture of chemical reagents for evaluation of polar compounds formed during the frying process. The polar compounds are less abundant substances in fats and oils, such as monoglycerides, diglycerides, free fatty acids, as well as polar transformation products formed during heating, and frying of food.

**2. PHYSICAL – CHEMICAL PROPERTIES**

Melting Point	Aprox. 60 °C
<b>Color scale</b>	
Color for polar compounds concentration lower than 5 %	Light blue
Color for polar compounds concentration from 6 to 12 %	Greenish blue
Color for polar compounds concentration from 13 to 16 %	Dark green
Color for polar compounds concentration from 17 to 23 %	Bottle green
Color for polar compounds concentration higher than 24 %	Brownish green



**3. PACKAGE**

- **5 ml polypropylene tube (60x16 mm) containing OleoTest chemical reagent**

The final package contains:

- Labeled tubes in quantity of 10, 25 or 50 tubes;
- Anti-burning support;
- Sample sheet for registration of test results and detailed instructions for use;
- Exterior packaging with color tables and instructions for use;

Box label contains:

- Producer identification;
- Product's reference;
- Product's name;
- Products preparation batch identification;
- Expiration Date;
- Storage conditions;

#### 4. STORAGE CONDITIONS / EXPIRATION DATE

- $5\text{ }^{\circ}\text{C} < T < 20\text{ }^{\circ}\text{C}$ , keep away from light;
- Expiration date: 18 months after production date;

#### 5. SAFETY MEASURES

- Please refer to MSDS of the product.

#### 6. INSTRUCTIONS FOR USE

1. Uncap the tube containing the chemical reagent
2. Place the tube on the anti-burning support
3. Fill with hot oil (approximately  $60^{\circ}\text{C}$  to  $80^{\circ}\text{C}$ ) until the lower limit of the tube label (if the oil is not warm enough to dissolve the reagent, cap the tube and place it in a water bath till complete dissolution of the reagent or in the microwave for a 4-10 seconds, but without the cap). Mix until forming a uniform solution.
4. Wait approximately 2 minutes; then, keeping the tube in vertical position and turned to a light source and compare the color obtained with the ones from the color table. At the end of the reaction the reagent solidifies.
5. If the test presents color number 4 (17 to 23 %), be careful, as you are very close to the maximum percentage normally accepted.
6. In the end, store the tests back in to the box, away from light and heat. The result of the test stays for several months, allowing the tests themselves to serve as evidence of control.

