

## **TEST SAMPLES OF EstOil-5 REFINED AND CRUDE RAPESEED OIL**

### **Description of the samples**

There are six types of bottles for determining edible oil parameters:

1. Refined rapeseed oil (for parameter 1);
2. Refined rapeseed oil (for parameter 2);
3. Refined rapeseed oil with an antioxidant (for parameter 3);
4. Crude rapeseed oil (for parameter 4);
5. Refined rapeseed oil (for parameters 5);
6. Refined rapeseed oil (for parameters 6);
7. Refined rapeseed oil (for parameter 7);

Parameters:

1. **Moisture content**
2. **Free fatty acids content**
3. **Peroxide value**
4. **Phosphorus content**
5. **Saponification value**
6. **Beta-Sitosterol content**
7. **Erucic acid content**

Each sample is packed into a dark glass bottle. Each bottle contains around 100 ml of oil. The refined rapeseed oil sample is for determination of the following parameters: Moisture content, Free fatty acids content, Saponification value, Beta-Sitosterol content and Erucic acid content. The refined rapeseed oil with an antioxidant is for determination of Peroxide value. The crude rapeseed oil sample is for determination of Phosphorus content.

### **Storage**

The bottles shall be stored in refrigerator, it means in a cool, dry and dark place.

### **Instruction for use**

Prior to use, the sample bottle should be kept at room temperature for temperature equilibration. The bottle should be carefully shaken before analysis. After opening the bottle the sample should be used during a short time period.

### **Special information for Peroxide value determination**

Peroxide value analysis should be carried out not later than on April 28, 2009.

If you have questions, please contact the organizers:

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