



Dear Colleagues!

It is our pleasure to invite you to participate in the **edible oil parameters intercomparison measurement EstOil-3**. The intercomparison measurement will be organized jointly by University of Tartu Testing Centre (below UT) and Werol Tehased AS (below WT).

The aim of the intercomparison is to allow the participants to assess their performance in determining the following edible oil parameters:

1. **Moisture content** (by Karl Fischer titration) in refined rapeseed oil
2. **Free fatty acids content** in refined rapeseed oil
3. **Peroxide value** in refined rapeseed oil (with added antioxidant)
4. **Phosphorus content** in crude rapeseed oil
5. **Saponification value** in refined rapeseed oil
6. **Beta-Sitosterol content** in refined rapeseed oil

The samples will be prepared and distributed by WT. There will be altogether three samples: refined rapeseed oil (for determination of parameters 1, 2, 5 and 6), refined rapeseed oil with an antioxidant (for determination of parameter 3) and crude rapeseed oil (for determination of parameter 4). The samples will come in dark glass bottles. The determination of peroxide value has to be carried out within two weeks from the date of sending out the samples (the exact date will be given in the documentation accompanying the samples). Determination of parameters 5 and 6 will be carried out only if there is a sufficient number of laboratories who are interested in determination of these parameters.

The evaluation of participant data will be done at UT according to the ISO Guide 43-1. The consensus values will be deduced from the participant and organizer data after rejection of possible outliers.

The Final report will be compiled jointly by UT and WT and will be made public (on the website of UT). The participants will be listed in the final report but the results will be presented in random order, so that the results cannot be traced back to the participants. Every participant will receive a private letter revealing his/her result number and permitting assessment of performance. The reports of the similar intercomparisons carried out in 2005 and 2006 (EstOil-1 and -2) are available at <http://www.ut.ee/katsekoda/ILC/> for reference.

Participation to this round of the intercomparison is free of charge. If you are interested in participation, please fill in the attached form and send it to the organizers by e-mail (preferred), fax or post mail (see the form for details). **The deadline for registration is April 20, 2007.**

You are welcome to forward this letter to your colleagues who might be interested to join and encourage them to contact the organizers if they are interested to participate. We will do our best to admit all interested laboratories to the interlaboratory comparison.

The samples will be sent out during end of April 2007. The deadline for presentation of the results by the participants is May 30, 2007.

With all the best wishes
Lauri Jalukse, Ivo Leito

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Registration Form for EstOil-3

Name of the laboratory: _____
Address: _____
City: _____
Country: _____
Postal Code: _____
Executive in charge: _____
Phone: _____
Fax: _____
E-mail: _____

Yes, we are interested to participate in the edible oil interlaboratory comparison measurements EstOil-3.

We plan to determine	Moisture	Yes/No
	Free Fatty Acids	Yes/No
	Peroxide value	Yes/No
	Phosphorus	Yes/No
	Saponification value	Yes/No
	Beta-Sitosterol	Yes/No

(please underline or circle the appropriate ones)

Signature: _____
Date: _____

Please send the filled form to the organizers by e-mail (preferred), fax or regular mail:

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The deadline for registration is April 20, 2007.