



Institute of Nuclear Chemistry and Technology



AB 262



Laboratory for Detection of Irradiated Food o f f e r s

the examination of irradiated food

Examination is accomplished within 6 working days from the date of the delivery of the sample

- The result of examination is delivered to the customer in the form of **Test report** meeting the requirements of PN-EN ISO/IEC/ 17025:2005 standard. **Test reports** issued in the laboratory are acknowledged in Poland and abroad.
- The results of examination are strictly confidential while the customer has access to the documents and records concerning the analysis of his sample.

Laboratory offers the examination of the following foodstuffs:

- poultry, red meat and fish containing bones, eggs and nuts in shells (EPR);
- spices and herbs, tea, dried and fresh vegetables including mushrooms, fruits and shrimps;
- blends of spices and herbs including food compositions like soups, dry flavour garnishes, diet supplements etc, phyto-pharmaceutics.

Examination is executed in the laboratory by applying:

- EPR/ESR spectroscopy
- Thermoluminescence measurements TL
- Photo-stimulated pulsed luminescence PSL/PPSL

The examination is conducted by experienced analysts specialized in the detection of irradiated food for several years while analytical procedures are consistent with the following CEN European standards: EN 1786, EN 1787, EN 1788, EN 13708, EN 13751.

The price for the examination of one sample by EPR/ESR or PSL is 75 € + VAT

For the examination one sample by Thermoluminescence (TL) 150 € + VAT

Express service (3 working days) plus 50% of charge

The price includes calibrated irradiation of samples with Co-60 radiation.

Laboratory co-operates with numerous food-trade companies in the country and from abroad.

The customer is informed by the Laboratory about the volumes of sample needed to proceed the examination and receives instruction concerning transportation of samples, if needed.

Potential customers are pleased to contact our Laboratory by telephone, fax or e-mail in advance.

Our address:

Laboratory for Detection of Irradiated Food

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