



Multi-mycotoxin PT

Invitation letter

Dear Colleagues,

It is our pleasure to invite you to participate in a multi-mycotoxin proficiency test (PT) organized by **ISPA-CNR** in the framework of the project "New Strategies for Improvement of Food Safety: Prevention, Control, Correction" (S.I.Mi.S.A. PON_02_00186_3417512, project of the Italian Ministry of Education, Universities and Research) and promoted by the **MoniQA** Association (Monitoring and Quality Assurance in the Total Food Supply Chain, www.moniga.org).

The two materials involved in the study are unprocessed wheat flour and unprocessed maize flour contaminated with the mycotoxins included in the Commission Regulation 1881/2006/EC (and relevant amendments) as reported below:

wheat flour:

- ochratoxin A
- deoxynivalenol
- zearalenone
- T-2 and HT-2 toxins

maize flour:

- ochratoxin A
- deoxynivalenol
- zearalenone
- T-2 and HT-2 toxins
- fumonisins B₁ and B₂
- aflatoxins B₁, B₂, G₁, G₂

The main objective of the PT is to provide interested laboratories with an opportunity to test their multi-mycotoxin methods and to compare their results with those of other laboratories. The use of LC-MS(MS) methods, although not strictly required, is highly recommended. However LC methods with fluorescence or UV detection will be considered as well.

Participants will be asked to complete a comprehensive questionnaire to provide details of the applied method. This will enable us to feed back information to all participants, not only on their own proficiency, but also on currently used methodologies for multi-mycotoxin analysis and method related performances.

Each participant will be provided with one sample of each material (ca. 80 g each) and will be asked to report the results of 2 independent analyses for each material. Participants are not obliged to determine all mycotoxins in each material, and are free to report only on those mycotoxins that can be simultaneously determined with their multi-mycotoxin methodology. However the use of multi-mycotoxin methods able to determine simultaneously two mycotoxin groups at least (e.g. trichothecenes and aflatoxins, or trichothecenes and ochratoxin A, etc.) is mandatory.

The PT is free of charge and the time schedule is as follows:

- deadline for registration: 20/05/2014
- shipping of samples: 15/06/2014



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MoniQA
www.moniqa.org

- deadline for submitting the results: 31/07/2014
- draft report: 30/10/2014
- final report: 30/11/2014

For further information about the procedure of the proficiency test, please contact Veronica Lattanzio (email: veronica.lattanzio@ispa.cnr.it) and Annalisa De Girolamo (email: annalisa.degirolamo@ispa.cnr.it).

If you wish to participate please complete the enclosed registration form and send it by email to Veronica Lattanzio and Annalisa De Girolamo.