

Dear participant,

Please find enclosed the material for the proficiency test (PT):

**DLA ptGMO1 (2025) – GMO-Determination in Maize Flour (qualitative + quantitative):
2 Samples with positive and negative amounts of
Cry1Ab/Ac, p35S, PAT, t-NOS / Maize + GMO-Maize (Bt11, MIR604 and MON87429)**

There are 2 *different* test samples with positive/negative amounts of the above mentioned parameters in the matrix **Maize Flour**. The parameters can be analyzed qualitatively and quantitatively. The presence of other GMO events is not excluded. The results are given as **positive / negative** and/or as the concentration in **percentage (%)** of the respective GMO proportion of the total proportion of the relevant plant species (e.g. GMO proportion Bt11 per total maize content).

Please note the attached information on the proficiency test.

Please enter your final results online in our [PT customer portal](#) **my DLA | participant's portal**. You will receive further information on this by e-mail, in particular about access to the portal.

Last deadline is August 2025-08-01.
After the deadline no results can be accepted.

We are looking forward to any suggestions or questions! We wish you a successful performance of the proficiency test!

Kind regards,

Alexandra Scharf & Matthias Besler-Scharf

On behalf of the DLA-Team

Information on the Proficiency Test (PT)

PT number	DLA ptGMO1 (2025)
PT name	GMO-Determination in Maize Flour (qualitative + quantitative): 2 Samples with positive / negative amounts of Cry1Ab/Ac , p35S, PAT, t-NOS / Maize + GMO-Maize (Bt11, MIR604 and MON87429)
Sample matrix*	Samples A + B: Maize Flour / possible ingredients: Maize Flour
Number of samples and sample amount	2 different samples, 10 g each.
Storage	Samples: dry and dark at room temperature (long term cooled 2 - 10°C)
Intentional use	Laboratory use only (quality control samples)
Parameter	Qualitative and quantitative: Cry1Ab/Ac, p-35S, PAT, t-NOS / Maize + GMO-Maize (Bt11, MIR604, MON87429)
Methods of analysis	Analytical methods are optional
Notes to analysis	The analysis of PT samples should be performed like a routine laboratory analysis. In general we recommend to homogenize a representative sample amount before analysis according to good laboratory practice, especially in case of low sample weights.
Result table	For samples A + B, a qualitative and a quantitative result can be determined for each parameter and entered in the results entry mask in the my DLA participant's portal
Units	qualitative: positive / negative (detection limit: number of copies or percent) quantitative: % (proportion of GMO events per total maize content)
Number of significant digits	At least 2 digits.
Further information	Further information can be given in the result submission file.
Result submission	online via my DLA participant's portal (https://my.dla-pt.com) you will receive further information about the access by e-mail
Last Deadline	the latest August 2025-08-01
Evaluation report	The evaluation report is expected to be completed 6 weeks after deadline of result submission and will be provided as a PDF file in the DLA Participant Portal (https://my.dla-pt.com/).
Coordinator and contact person of PT	Alexandra Scharf, PhD

* Control of mixture homogeneity and qualitative testings are carried out by DLA. Any testing of the content, homogeneity and stability of PT parameters is subcontracted by DLA.