

Dear participants,

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

**ptAL09 (2024) Allergens IX: Milk (Casein) and Egg White Proteins (Albumins, Lysozyme) in Wine with "Spiking Level Sample"**

There are two different samples A and B possibly containing the allergenic parameters **Milk (Casein)** and **Egg White Proteins (Albumins and Lysozyme)** in the range of mg/kg in the matrix of **Wine**. One of these samples and the "spiking level sample" (SP) were prepared adding the allergenic ingredients. The "**spiking level sample**" contains the allergens in a simple matrix (glucose) in similar amounts and should be analysed like a normal sample.

**Important Note:** *The pH-value of the wine samples A and B was adjusted with a sodium carbonate solution to pH 7-8, in order to stabilize the allergens in solution/suspension. Before analysis we recommend to shake the wine samples gently.*

**Note (Samples A + B):** Please store samples at 2 - 10°C on arrival!

**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 December 23<sup>rd</sup> 2024.**  
*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,

Matthias Besler-Scharf & Alexandra Scharf

On behalf of the DLA-Team

### Information on the Proficiency Test (PT)

PT number	<b>ptAL09 - 2024</b>
PT name	<b>Allergens IX: Milk (Casein) and Egg White Proteins (Albumins, Lysozyme) in Wine</b>
Sample matrix (processing)	<b>Samples A + B:</b> German quality wine "Riesling" and allergenic foods (skimmed milk powder, egg white powder, lysozyme) <b>Spiking Level Sample:</b> Glucose, other food additives and allergenic foods (skimmed milk powder, egg white powder, lysozyme)
Number of samples and sample amount	2 different Samples A + B: 50 ml each + 1 Spiking Level Sample: 15 g
Storage	Samples A + B: cooled 2 - 10°C Spiking Level Sample: room temperature
Intentional use	Laboratory use only (quality control samples)
Parameter	qualitative + quantitative: Milk (Casein), Egg white protein (Ovalbumin, Lysozyme) Samples A + B: < 500 mg/kg (Lysozyme < 5 mg/kg) Spiking Level Sample: < 500 mg/kg (Lysozyme < 5 mg/kg)
Methods of analysis	Analytical methods are optional. Only one set of results can be submitted per method. Additional result sets can be submitted for different methods.
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. It is the best to homogenize the whole sample (here by shaking, stirring)
Result table	One result each should be determined for Samples A and B and SP (Spiking Level Sample). The results and additional information should be filled in.
Units	mg/kg
Number of digits	at least 2 digits
Result submission	online via <b>my DLA   participant's portal</b> ( <a href="https://my.dla-pt.com">https://my.dla-pt.com</a> ) you will receive further information about the access by e-mail
Last Deadline	<b>the latest <u>December 23<sup>rd</sup> 2024</u></b>
Evaluation report	The evaluation report is expected to be completed 6 weeks after deadline of result submission and sent as PDF file by e-mail.
Coordinator and contact person of PT	Matthias Besler-Scharf PhD

\* Control of mixture homogeneity and qualitative testings are carried out by DLA. Further testing of the content, homogeneity and stability of PT parameters can be subcontracted by DLA.