

BT-7      ASP Shellfish Toxins	
Year: 2024	Participants: 45 laboratories expected
Number of rounds: 2 per year	Start exercise: 1 April, 1 October
Number of materials: 4 per round	Sample size: 5 ml

[Participation form](#)
[Timetable](#)
[PT Scheme](#)
[Costs](#)

This study covers the determination of amnesic shellfish toxins (ASP) in shellfish tissue test materials.

## Test Materials

The supplied test materials consist of a standard solution and shellfish tissues, sufficient for one-shot analysis. Each batch of test materials is prepared in bulk, dispensed in 5 mL plastic vials and frozen at -20°C.

The level of within and between sample homogeneity and stability is determined. All materials show to be homogeneous and stable for the purpose of the study.

## Determinands and concentration ranges

The toxins to be determined are given in the table below. The table also shows:

- The expected concentration range for the determinands in the test materials.
- The constant and proportional error that will be used for assessment of the results.

Determinand*	Unit	Concentration Range	Error	
		Shellfish Tissue	Const	Prop
<b>Domoic+Epidoic</b>	mg/kg	0.2-100	1	10.0%

\* This determinand is in the scope of accreditation.