

2025 – Proficiency Test

INTEGRATIVE PASSIVE SAMPLERS: METALS ANALYSIS IN FRESH WATERS WITH DGT SAMPLERS

(AGLAE's programme '3H')



The integrative passive samplers (IPS) enable to monitor the chemical quality of aquatic medium. The technique of the diffusive gradient in thin film (DGT) is used for the determination of metals.

In the frame of this interlaboratory comparison, **your laboratory will be assessed for the measurement of 4 metals on DGT sampler** (CHELEX chelating resin).

Description of the proficiency test



- Preparation of the DGTs by AGLAE: immersion in contaminated fresh water
- Parameters to analyse by the participants: Cu, Ni, Pb, Zn
- Receipt of 3 DGTs per participant:
 - ✓ 2 exposed DGTs
 - ✓ 1 unexposed DGT for the analytical blank
- Upon receipt, process of the DGT by the participants (dismantling, resin recovery, elution) and analysis of the metals

Practical information

Dates to remember

- **Registration deadline: 12/09/2025**
- Test samples sent on: 22/09/2025
- Results reported until: 21/10/2025
- 1st feedback on your results: 24/10/2025

Cost and registration process

- **€ 310 excl. VAT** + transport fees (please contact us to get a quote)
- AGLAE's members: send a purchase order to contact@association-aglae.fr
- Non members: contact us
- Test conducted for a **minimum number of 8 participants** and **maximum of 20 participants** (limited quantity of DGTs)

For any question, to get a quote, contact us: contact@association-aglae.fr / + 33 (0)3 20 16 91 40