

SAMPLING STANDARD - US EPA 23

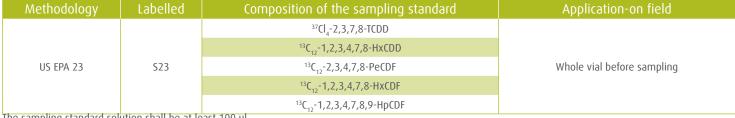
Short quideline how to spike the sampling standard

ALS CR provides spiking of sampling train or provides sampling standard for emission sampling according to the required methodology



- Vial ready to spike
- Single dose for easiness of use

The sampling 13C12 and 37Cl4 labelled standards has the following composition:



The sampling standard solution shall be at least 100 µl.

XAD-2 can be spiked in our laboratories prior to delivery of the trap.

Application of the sampling standard

1.Addition to solid sorbent

- The full dose is uniformly and slowly distributed on the surface and inside the solid sorbent (XAD-2) to avoid any loss.
- After application of the full volume, rinse the vial with a minimum of 200 µL of dichloromethane, and distribute this amount the same way as you apply the standard on the sorbent with the same micro syringe or pipette.

ALS recommends to proceed the rinses by dichloromethane at least twice (2*200uL dichloromethane). Losses are most often due to an incomplete spike of the full vial on the sorbent.

General warning:

Loss of sampling standard during application reduces the values of recovery.

If more doses of sampling standard are added during the sampling, each of them should be quantitatively applied. Information on number of doses and spiking locations of the standard shall be documented prior to analysis in the laboratory, so that the calculation of recoveries can be correctly carried out.

Ordering

To beneficiate from this service, either fulfil the specific chain of custody or order on line at:

http://sampling.alsglobal.eu

In case of any questions do not hesitate to contact us:

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