

Formaldehyde Sampling Instruction Sheet

Shelf life: This tube has a shelf life of 12 weeks. Tubes must be exposed and returned for analysis within this period.

Storage and preparation: Tubes should be stored in a freezer until use. Never store tubes in an area where there may be chemicals present. This also applies when the end caps are in place on used tube – **if using a blank tube, do not break the ends off the tube. Store in the same conditions as the sampling tubes.**

Never prepare in an area where chemicals may be present – uptake of spurious chemicals can occur before a sample is taken. Make sure clothing is free of contamination when preparing tubes. When breaking the ends off a sampling tube, ensure a minimum hole diameter of 2mm or half the diameter of the tube body. After breaking the ends off, always cap the exposed (sampling) end until ready to take the sample.

NOTE: Only lightly press red end cap onto tube for temporary use. If the caps are pushed on all the way they will require cutting off.

If high moisture is present, precautions should be taken to prevent it from entering the tube. If a trap tube is used before the sorbent tube, please contact the laboratory for analysis advice.

Exposure:



1. Remove red caps, whilst wearing protective gloves, and use pliers to break off sealed glass ends place the end of the tube containing the yellow absorbent into the black pump tubing (see image).
2. Lift small plastic flap on air pump and press button to turn pump on. The pump will start – this is confirmed by a flashing green light.
3. Run sampling for required period. Maximum pumped volume: 50L at flow rate of 0.05 to 1.5mL/min (Gradko recommends 200mL/min for this tube).
4. At end of sampling, shut pump down. Remove pump tubing from the tube and replace the red caps onto the tube.
5. Tubes should be analysed at earliest opportunity after sampling has been completed.

Returning tubes: Tubes should be returned as soon as possible after exposure. Fill in exposure sheet appropriately. They should be returned in a sealed container – such as the one you received them in.

Return address:

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