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The SKC, Inc. sampler for aldehydes (DNPH-coated silica gel tube, catalogue No. 226-119) may be used for sampling formaldehyde with modifications of this method. These modifications include the following:

- (a) The maximum recommended air volume should be less than 15 L at an air concentration of 2.5 mg/m<sup>3</sup> (indicated on page 2016-1), because the upper limit of the method for the SKC sampler is probably less than 37 µg.
- (b) The procedure for recovery of analyte from the sorbent would be modified, i.e., placement of the sorbent sections in vials, addition of solvent, and possible use of an ultrasonic bath.
- (c) A volume of solvent much less than 10 mL can be used for recovery. However, the minimum volume should be tested for adequate recovery.
- (d) Consequences of using a much smaller volume of solvent for recovery include a lower LOD and LOQ, the need for a different range of calibration standards, and the need for a different range of fortification levels (step 8).
- (e) The maximum volume of solution for fortification of the front sorbent bed must be less than 90 µL and should be determined (step 8).

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