

Underivatized Formaldehyde Analysis on ZB-1

Zebron™ ZB-1, GC Cap. Column 30 m x 0.32 mm x 3.00 μm, Ea

100% Dimethylpolysiloxane Phase: **Dimensions:** 30 meters x 0.32 mm x 3 μm

7HM-G001-36 Order No: Oven Profile: 50 °C Isothermal

Carrier Gas: Constant Flow Helium, 2.5 mL/min

Injection: Split 5:1 1 µL @ 140°C

Detection: Flame Ionization (FID) (250°C)

Analyst Note:

Sample injected using a Tekmar Versa Headspace Autosampler. Headspace oven @ 60 °C for 10 minutes; transfer line = 65 °C; Vial pressurization = 15psi. GC analysis on Shimadzu GC-2010 plus

Analytes were 0.5% in water. Nine different samples were prepared and analyzed with 2.0% RSD in peak area for

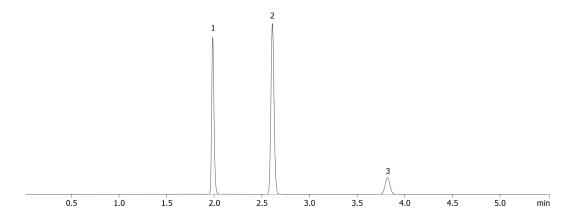
formaldehyde.

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Products used in this application:





ANALYTES:

- Formaldehyde 1
- 2 Methanol
- Ethanol

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