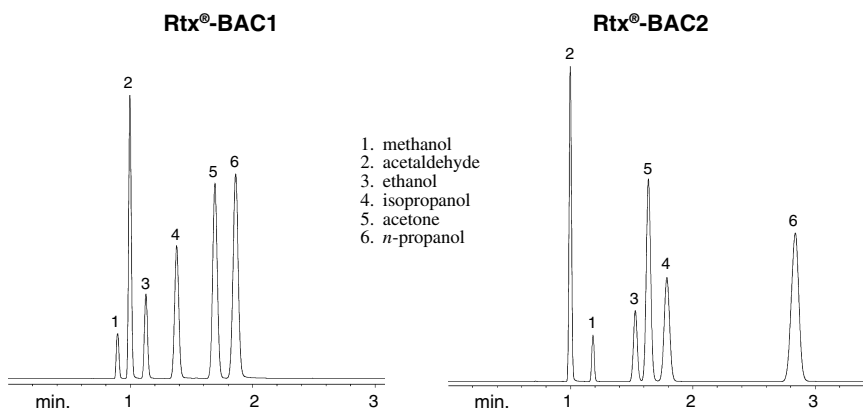


Rtx[®]-BAC1 and -BAC2 Columns

(cat.# 18000, 18001, 18002, 18003)

The Restek Rtx[®]-BAC1 and Rtx[®]-BAC2 columns have been specifically designed for the headspace analysis of ethanol and other closely related volatile substances in clinical and forensic specimens. The combination of selective stationary phase compositions and matched film thicknesses gives complete resolution for the low molecular weight alcohols and their metabolites as well as short turn-around time for each analysis.

In order to achieve maximum performance from these columns, special care should be taken during their installation and setup. Low volume injection port sleeves or low volume column interfaces should be used whenever possible to minimize band broadening caused by excess dead volume present in the sample flow path. Higher carrier gas flow rates also will minimize the effects of system dead volume as well as improve sample transfer to the head of the analytical column. Sample conditions for these columns are listed in the figure.



30m, 0.53mm ID, 3.0 μ m Rtx-BAC1 (cat.# 18001) 30m, 0.53mm ID, 2.0 μ m Rtx-BAC2 (cat.# 18000)

1.0mL headspace sample of a blood alcohol mix. Sample conc. 0.1% per compound.

Oven temp.: 40°C isothermal; Inj. & det. temp.: 200°C; Carrier gas: helium;

Linear velocity: 80cm/sec. set @ 40°C; FID sensitivity: 1.28 x 10⁻¹⁰ AFS

Call Technical Service at 800-356-1688 or 814-353-1300, ext. 4 (or your local Restek representative) if you have any questions about this product or any other Restek product.



#121-01 [001]
Rev. date: 5/01

Restek USA: 110 Benner Circle, Bellefonte, PA 16823

phone: (800) 356-1688 or (814) 353-1300 • fax: (814) 353-1309; www.restekcorp.com

Restek GmbH: phone: (49) 06172 2797 0 • email: RESTEK-GMBH@t-online.de

Restek France: phone: (33) 01 60 78 32 10 • email: restekfr@club-internet.fr

Thames Restek UK Ltd.: phone: (44) 01753 624111 • email: Sales@Thamesrestek.co.uk

Thames Restek Scotland Ltd.: phone: 0870 241 1247 • email: Sales@Thamesrestek.co.uk

Restek Ireland: phone: (44)2 890 814 576 • email: dmannusrestek@compuserve.com