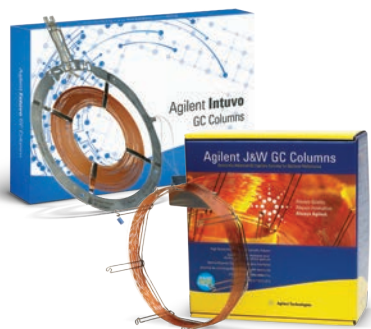


# AGILENT BLOOD ALCOHOL ANALYSIS SOLUTION

## Quick reference guide

### Agilent columns and supplies for analysis of Blood Alcohol Concentration

Agilent Technologies offers a complete set of columns and supplies for the analysis of Blood Alcohol Concentration (BAC) using Headspace GC dual FID or headspace GC/MS. Agilent is committed to optimizing your analytical laboratory's productivity, so we have produced this list of the most commonly ordered supplies and parts for BAC analysis. Keep your own spares on site to minimize instrument downtime.



#### Headspace Vials and Closures – Agilent 7697A Headspace Sampler

##### Certified Headspace Crimp Top Glass Vials

Description	Unit	Part No.
<b>Headspace vial 10 mL, 23 x 46 mm</b>		
Clear, flat bottom	100/pk	5182-0838
Amber, flat bottom	100/pk	5067-0227
Clear, graduation marks and write-on spot, flat bottom	100/pk	5190-2285
Amber, graduation marks and write-on spot, flat bottom	100/pk	5190-2287
<b>Headspace vial 20 mL, 23 x 75 mm</b>		
Clear, flat bottom	100/pk	5182-0837
Amber, flat bottom	100/pk	5067-0226
Clear, graduation marks and write-on spot, flat bottom	100/pk	5190-2286
Amber, graduation marks and write-on spot, flat bottom	100/pk	5190-2288
<b>Headspace Crimp Caps and Septa</b>		
20 mm steel crimp cap with high performance septa	100/pk	5190-3987

#### Headspace Vials and Closures – CombiPAL Headspace Sampler

##### CombiPAL Headspace Screw Top Vials

Description	Unit	Part No.
<b>Headspace vial 10 mL, 23 x 46 mm</b>		
Clear	100/pk	5188-5392
Amber	100/pk	5188-6538
<b>Headspace vial 20 mL, 23 x 75 mm</b>		
Clear	100/pk	5188-2753
Amber	100/pk	5188-6537
<b>CombiPAL Screw Top Caps with Septa</b>		
CombiPAL 18 mm screw top caps with PTFE/silicone septa (top white, bottom blue)	100/pk	5188-2759

For more information, visit: [www.agilent.com/chem/store](http://www.agilent.com/chem/store)

## 7697A Headspace Sampler Supplies

Description	Dimensions	Part No.
Deactivated fused silica	5 m x 0.53 mm	160-2535-5
Fitting-internal reducer	1/16 to 1/32 inch	0100-2594
Ferrule polyamide graphite	1/32 inch	0100-2595

## Chemical Standards

Name	Concentration	Unit	Part No.
Ethanol standard in water	0.02 g/dL	1 mL x 10	5190-9756
	0.05 g/dL	1 mL x 10	5190-9757
	0.08 g/dL	1 mL x 10	5190-9758
	0.10 g/dL	1 mL x 10	5190-9759
	0.15 g/dL	1 mL x 10	5190-9760
	0.20 g/dL	1 mL x 10	5190-9761
	0.30 g/dL	1 mL x 10	5190-9762
	0.40 g/dL	1 mL x 10	5190-9763
Blood Alcohol Checkout mix	0.50 g/dL	1 mL ampoule	5190-9765

## Inlet Supplies

Description	Part No.
Ultra Inert liner, splitless, straight, 2 mm id	5190-6168
Non-stick Advanced Green septa	5183-4759
Ultra Inert split/splitless Inlet gold seals	5190-6144

## Nuts and Ferrules

Description	Part No.
Self tightening column nut, for inlet/detector	5190-6194
Graphite/vespel short ferrules, 10/pk	5062-3512

## Retention Gap to Unpurged or Purged Splitter

Description	Dimensions	Part No.
Deactivated fused silica	5 m x 0.45 mm	160-2455-5

## Unpurged Splitter (for GC/FID/FID)

Description	Part No.
Unpurged effluent splitter	G3181B
Internal nut, CFT capillary fitting	G2855-20530
Flexible Metal ferrule, UltiMetal Plus for 0.53 mm id fused silica tubing, 10/pk	G3188-27503
Flexible Metal ferrule, UltiMetal Plus for 0.32 mm id fused silica tubing, 10/pk	G3188-27502

## Purged Splitter (for GC/FID/MS)

Description	Part No.
Purged three-way effluent splitter	G3183B
Internal nut, CFT capillary fitting	G2855-20530
Flexible Metal ferrule, UltiMetal Plus for 0.53 mm id fused silica tubing, 10/pk	G3188-27503
Flexible Metal ferrule, UltiMetal Plus for 0.32 mm id fused silica tubing, 10/pk	G3188-27502

## GC Columns

Description	Dimensions	Part No.
DB-BAC1 UI	30 m x 0.32 mm x 1.8 µm	123-9334UI
	30 m x 0.53 mm x 3.0 µm	125-9334UI
DB-BAC2 UI	30 m x 0.32 mm x 1.2 µm	123-9434UI
	30 m x 0.53 mm x 2.0 µm	125-9434UI

## GC Column Modules for Intuvo GC

Description	Dimensions	Part No.
DB-BAC1 UI	30 m x 0.32 mm x 1.8 µm	123-9334UI-INT
DB-BAC2 UI	30 m x 0.32 mm x 1.2 µm	123-9434UI-INT

## FID Supplies

Description	Part No.
FID jet	G1531-80560

## MS Supplies

Description	Part No.
Self tightening column nut, for mass spec interface transfer line	5190-5233
Ferrule, 15% graphite/ 85% Vespel, for 0.32 mm id column, 10/pk	5062-3514
Filament	G7005-60061

## Intuvo Supplies

Description	Part No.
Gasket	G4581-60575
Jumper chip	G4587-60575
Flow chip, inlet splitter	G4588-60601
Flow chip, D2	G4583-60621
Flow chip, FID-TCO tail	G4583-60331

## Agilent columns and supplies— to help you get the results you need

For greater confidence in your chromatography results, you can optimize your total system with quality Agilent J&W Ultra Inert columns and supplies. Our wide range of columns, supplies, sample prep, kits and accessories is designed, manufactured, and tested to rigorous Agilent specifications, under a quality system registered to ISO 9001. Why risk compromising your analytical results with anything less than genuine Agilent supplies?

For Agilent's complete listing of Ultra Inert columns and supplies, visit us online at:  
[www.agilent.com/chem/inert](http://www.agilent.com/chem/inert)

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