

# Agilent GC Columns and Supplies for the Analysis of Alcohol-Based Hand Sanitizers

Most regulatory methods – USP <611> and ASTM D3695 – require determination of alcohol content by GC/FID to qualify alcohol-based hand sanitizers. Agilent offers a complete set of columns and supplies for the analysis of alcohol content in alcohol-based hand sanitizers by direct injection GC/FID.

This ordering guide provides the list of products needed for this analysis. Click [here](#) to add all the items in this list to an editable, prefilled shopping cart at the Agilent Online Store\* so you can easily pick and choose the products you need.

Product Name Type/Group	Part Number
<b>Inlet supplies</b>	
Agilent Ultra Inert, flow pressure drop w/glass wool	5190-2295
Agilent Ultra Inert split/splitless inlet gold seals	5190-6144
Agilent Non-stick Advanced Green septa	5183-4759
Agilent 5 µL syringe	G4513-80206
<b>Nuts and ferrules</b>	
Agilent Self tightening column nut, inlet detector	G3440-81011
Agilent Graphite/Vespel ferrule, 0.5 mm, 10/pk	5062-3514
<b>Vial and caps</b>	
Agilent Clear with write-on spot	5182-0543
Agilent Silver aluminum crimp cap	5182-0552



\*If this is your first time using the Agilent Online Store, you will need to enter your email address for account verification. If you don't have a registered Agilent account, you will need to register at [www.agilent.com/en/promotions/onlinestore-videos](http://www.agilent.com/en/promotions/onlinestore-videos) for one. This feature is valid only in regions that are e-commerce enabled. All items can also be ordered through your regular sales and distributor channels.

Product Name Type/Group	Part Number
<b>Retention gap and splitter supplies (for GC/FID/FID)</b>	
Agilent Deactivated fused silica, 1 m x 0.32 mm	160-2325-1
Agilent Internal nut, CFT capillary fitting	G2855-20530
Agilent Flexible metal ferrule, UltiMetal plus, 0.4 mm id	G3188-27501
Agilent Flexible metal ferrule, UltiMetal plus, 0.32 mm id	G3188-27502
<b>GC columns</b>	
Agilent J&W DB-624 Ultra Inert, 30 m x 0.32 mm, 1.8 µm	123-1334UI
Agilent J&W DB-WAX Ultra Inert, 30 m x 0.25 mm, 0.25 µm	122-7032UI
<b>FID supplies</b>	
Agilent FID Jet, universal fit, 0.011 inch id	5200-0176



For method setup details refer to poster “Analysis of Ethanol and Isopropanol in Alcohol-Based Hand Sanitizers by Direct Injection GC/FID”- **5994-1923EN**

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

For greater confidence in your chromatography results, ensure the inertness of every surface that touches your sample with Agilent inert flow path solutions.

Learn about the impacts of the GC flow path at [www.agilent.com/chem/inertflowpath](http://www.agilent.com/chem/inertflowpath)

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This information is subject to change without notice.

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