

## Faster Trace-Level Analysis of Acrylamide in Drinking Water and Food with Allure Acrylamide LC Columns

Two column formats for optimal application-specific performance.



## Faster Analyses, Maximized Instrument Uptime

## Analyze Pesticides 3x Faster with LPGC Restek's Preassembled Column Kit Simplifies Set Up

Factory-coupled, leak-free kit makes setting up LPGC as simple as a column change.



Topaz GC inlet liners feature revolutionary technology and inertness to deliver the next level of:

**Deactivation | Reproducibility | Productivity**



# Streamline Cannabinoid Analyses with Our New 9-Component Neutrals Mix

- Nine-component mix simplifies calibration complexity—saving time and reducing cost.
- High concentration adds additional flexibility in constructing calibration curves.

Our cannabinoid neutrals mix is a certified reference material (CRM), manufactured and QC-tested in Restek's ISO-accredited labs. Verified composition and stability, with two independently produced lots available, help satisfy your ISO requirements.

*U.S. DEA-exempted formulation—no additional customer permits or licensing are required to purchase within the U.S.*

## Cannabinoid Neutrals Mix

(9 components)

Cannabichromene (CBC) (20675-51-8)  
 Cannabicyclol (CBL) (21366-63-2)  
 Cannabidiol (CBD) (13956-29-1)  
 Cannabidivarin (CBDV) (24274-48-4)  
 Cannabigerol (CBG) (25654-31-3)

Cannabinol (CBN) (521-35-7)  
 d8-Tetrahydrocannabinol (d8-THC) (5957-75-5)  
 d9-Tetrahydrocannabinol (d9-THC) (1972-08-3)  
 Tetrahydrocannabivarin (THCV) (31262-37-0)

Conc. in Solvent	CRM?	DEA Status	Canadian Test Kit Registration	Min Shelf Life on Ship Date	Max Shelf Life on Ship Date	Shipping Conditions	Storage Temp.	qty.	cat.#	Price £
1000 µg/mL, P&T Methanol, 1 mL/ampul	Yes	Exempt	C.T.K.# 003-004	6 months	24 months	On Ice	-20 °C or colder	ea.	34132	695.00



## Reference Standards for Terpenes Profiling Analysis

- Formulated to contain the major terpenes analyzed by cannabis labs.
- Prepared in two separate multicomponent mixes to maximize stability.
- Comprehensive blends minimize time spent preparing standards for marijuana analysis.
- High concentration (2500 µg/mL) solutions provide value and maximize flexibility.



### Cannabis Terpenes Standard #1

(19 components)

Conc. in Solvent	CRM?	Min Shelf Life on Ship Date	Max Shelf Life on Ship Date	Shipping Conditions	Storage Temp.	qty.	cat.#	Price £
2500 µg/mL each in isopropanol, 1 mL/ampul	Yes	6 months	24 months	Ambient	0 °C or colder	ea.	34095	258.05

### Cannabis Terpenes Standard #2

(2 components)

Conc. in Solvent	CRM?	Min Shelf Life on Ship Date	Max Shelf Life on Ship Date	Shipping Conditions	Storage Temp.	qty.	cat.#	Price £
2500 µg/mL each in isopropanol, 1 mL/ampul	Yes	6 months	24 months	Ambient	0 °C or colder	ea.	34096	47.25



# Accurately Quantify 380 Pesticides Using LC-MS/MS and GC-MS/MS with Restek's Multiresidue Pesticide CRM Kits

- Comprehensive lists of pesticides of global concern.
- Formulated for maximum long-term stability.
- Manufactured and QC tested in our ISO-accredited labs.



## LC Multiresidue Pesticide Kit

Conc. in Solvent	CRM?	Min Shelf Life on Ship Date	Shipping Conditions	Storage Temp.	qty.	cat.#	Price £
Contains 1 mL each of these mixtures.	Yes	6 months	Ambient	-20 °C or colder	kit	31971	3,660.30

## GC Multiresidue Pesticide Kit

Conc. in Solvent	CRM?	Min Shelf Life on Ship Date	Shipping Conditions	Storage Temp.	qty.	cat.#	Price £
Contains 1 mL each of these mixtures.	Yes	6 months	Ambient	10 °C or colder	kit	32562	2,403.85

Full compound lists and transition tables are available at [www.restek.com/multiresidue](http://www.restek.com/multiresidue)



## Custom Flexibility with Restek Reference Standards



- More than 1/3 of the ampuls that leave our facility are custom orders—almost all are certified reference materials (CRMs).
- ISO accreditation covers our catalog standards and your custom orders.
- Feasibility verification for every order.
- Top-quality, highly stable product whether it's a stock, off-the-shelf standard or a one-of-a-kind, custom-formulated solution.

Order custom reference standards today by contacting your local Restek representative or by visiting [www.restek.com/solutions](http://www.restek.com/solutions)



# Analyze Pesticides 3x Faster with LPGC— Restek's Preassembled Column Kit Simplifies Set Up

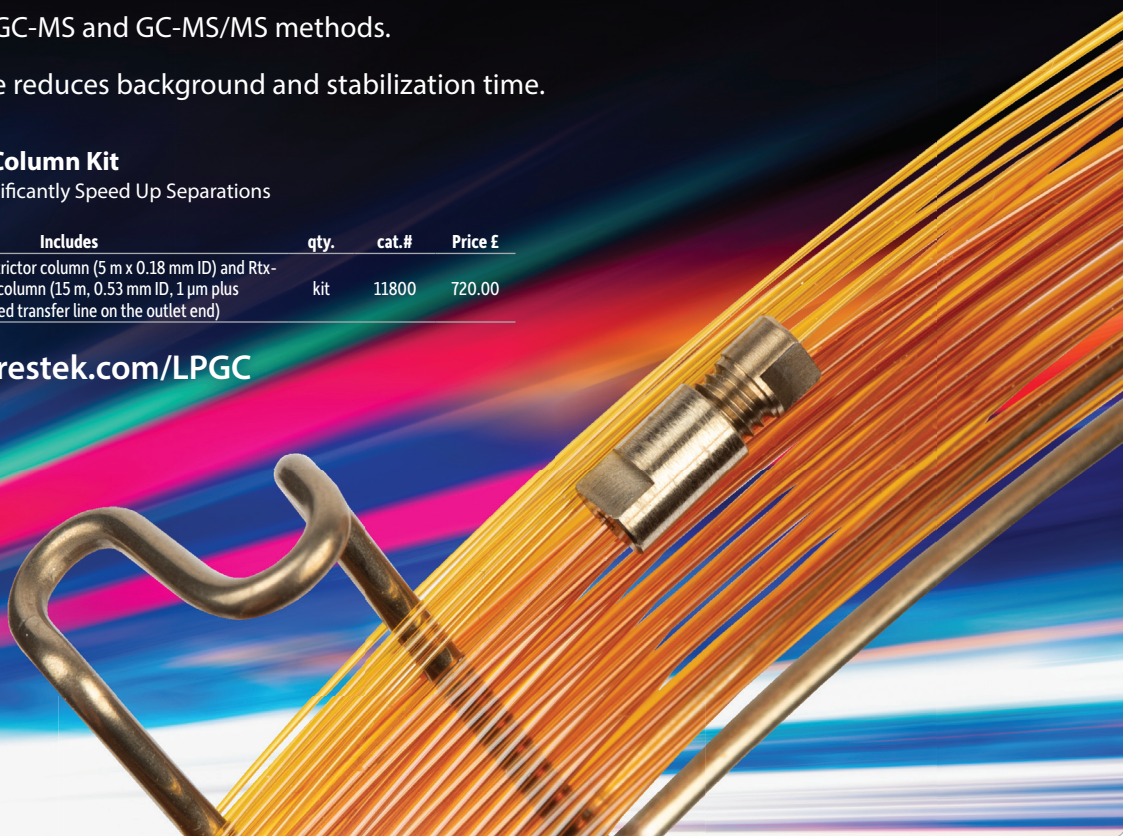
- Factory-coupled, leak-free kit makes setting up LPGC as simple as a column change.
- Ideal for speeding up GC-MS and GC-MS/MS methods.
- Integrated transfer line reduces background and stabilization time.

## Low-Pressure GC (LPGC) Column Kit

Leverage Your MS Vacuum to Significantly Speed Up Separations

Temp. Limits	Includes	qty.	cat.#	Price £
-60 to 340/340 °C	Factory-coupled restrictor column (5 m x 0.18 mm ID) and Rtx-5ms analytical column (15 m, 0.53 mm ID, 1 µm plus 1 m integrated transfer line on the outlet end)	kit	11800	720.00

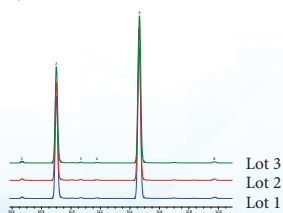
Learn more at [www.restek.com/LPGC](http://www.restek.com/LPGC)



## The Next Level of True Blue Reproducibility and Performance

- **Reproducibility**—unbeatable manufacturing controls and QC testing for superior reliability across compound classes.
- **Productivity**—unparalleled cleanliness for maximized GC uptime and lab throughput.
- **Deactivation**—unbelievably low breakdown for accurate and precise low-level GC analyses.

*You can expect the same great results from one lot to the next with Topaz GC inlet liners*



### Featured Topaz Liners:

#### Agilent

Split Injection: 23305 | 23300  
Splitless Injection: 23303 | 23302

#### PerkinElmer

Split Injection: 23450 | 23449  
Splitless Injection: 23451

#### Scion/Bruker/Varian

Split Injection: 23328  
Splitless Injection: 23332 | 23331

#### Shimadzu

Split Injection: 23319 | 23320  
Splitless Injection: 23336 | 23322

#### Thermo Scientific

Split Injection: 23444 | 23267  
Splitless Injection: 23447 | 23446



Learn more and find our full selection at [www.restek.com/topaz](http://www.restek.com/topaz)



# Dynamic Duo

## Restek's Leak Detector and ProFLOW 6000 Flowmeter An Unbeatable Combination

Protect your instrument and improve data quality with this powerful pair from Restek. Checking for leaks and verifying flows before you start helps you avoid costly problems later.

### Electronic Leak Detector

Redesigned and better than ever, our new leak detector is an essential tool for troubleshooting and routine maintenance of your gas chromatograph. Don't risk damaging your system or losing sensitivity; check for leaks often and protect your GC column and instrument with a Restek leak detector!

### ProFLOW 6000 Flowmeter

With its wide range of capabilities, the ProFLOW 6000 flowmeter simplifies gas flow measurement in the lab. Real-time measurements can be made for various types of flow paths, including continually changing gas types.



### Dynamic Duo (Restek Leak Detector and ProFLOW 6000 Flowmeter)

Description	Includes	qty.	cat.#	Price £
Dynamic Duo Combo Pack (Restek Leak Detector and ProFLOW 6000 Flowmeter)	Restek Electronic Leak Detector (cat.# 28500) & ProFLOW 6000 Flowmeter (cat.# 22656)	kit	22654	1,939.70

Learn more at [www.restek.com/dynamic-duo](http://www.restek.com/dynamic-duo)



Leverage the outstanding inertness, low bleed, and high reproducibility of Rxi 3-in-1 technology to gain:

- Accurate Data
- The Right Results Fast
- Maximized Instrument Uptime

*Easily select a perfectly matched Rxi GC column from our wide selection of stationary phases that span the polarity range.*

Visit [www.restek.com/rxi](http://www.restek.com/rxi) to order your Rxi column today!

## NEW Siltek-Treated MXT Guard/ Retention Gap/Transfer Lines

Ideal for most high-temperature applications and solvents

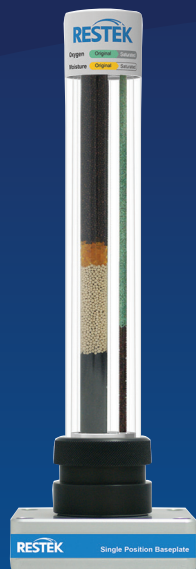


### Siltek-Treated MXT Guard/Retention Gap Columns/Transfer Lines (passivated stainless steel)

ID	Length	qty.	cat.#	Price £
0.28 mm	5 m	ea.	70026	148.35
	10 m	ea.	70036	222.50
	15 m	ea.	70056	273.85
	30 m	ea.	70066	445.00
0.53 mm	5 m	ea.	70028	171.15
	10 m	ea.	70038	233.95
	15 m	ea.	70058	296.70
	30 m	ea.	70068	513.45

# Hassle-Free Cartridge Changes, When They Need Changing

- High-purity output ensures 99.9999% pure gas (at max. flow of 2 L/min).
- Glass inside to prevent diffusion, polycarbonate housing outside for safety.
- The indicator code is shown on every trap so there is no confusion determining when a trap needs to be replaced.



22019

## Restek Super Clean Gas Filter Kits

Description	Includes	Fittings	Used with	cat. # / kit	Price £
Carrier Gas Cleaning Kit	Mounting Baseplate; 1/8" Inlet/Outlet Fittings; and Oxygen/Moisture/Hydrocarbon Triple Gas Filter			22019	392.55
Fuel Gas Purification Kit	Mounting Baseplate, 1/8" Inlet/Outlet Fittings, and Hydrocarbon/Moisture Fuel Gas Filter			22021	382.80
Gas Filter Bundle Kit	Triple Gas Filter (1), (cat. # 22020); and Fuel Gas Filters (2), (cat. # 22022)			22031	485.75
Helium-Specific Carrier Gas Cleaning Kit	Mounting Baseplate; 1/8" Inlet/Outlet Fittings; and Oxygen/Moisture/Hydrocarbon Helium-Specific Filter			21983	434.25
Super Clean Combi (CO <sub>2</sub> , Sulfur, Moisture) Filter Kit	Replacement CO <sub>2</sub> , Sulfur, Moisture Filter, Baseplate with 1/4" Brass Fittings	1/4" Brass	Ideal for TOC analyzers and zero air generators.	23844	475.25
	Replacement CO <sub>2</sub> , Sulfur, Moisture Filter, Baseplate with 1/8" Brass Fittings	1/8" Brass	Ideal for TOC analyzers and zero air generators.	23845	475.25
	Replacement CO <sub>2</sub> , Sulfur, Moisture Filter, Baseplate with 1/4" SS Fittings	1/4" Stainless Steel	Ideal for TOC analyzers and zero air generators.	23846	515.10
	Replacement CO <sub>2</sub> , Sulfur, Moisture Filter, Baseplate with 1/8" SS Fittings	1/8" Stainless Steel	Ideal for TOC analyzers and zero air generators.	23847	515.10

Note: Restek replacement filters fit all cartridge filter baseplates regardless of manufacturer. However, if the baseplate was manufactured by Agilent or Varian, the retaining nut that came with the original filter will not work and will require a universal ring nut. Please contact customer service to receive a complimentary universal ring nut.

## Strong as Steel, Inert as Glass

Put the Power of Restek Packed Columns to Work for You

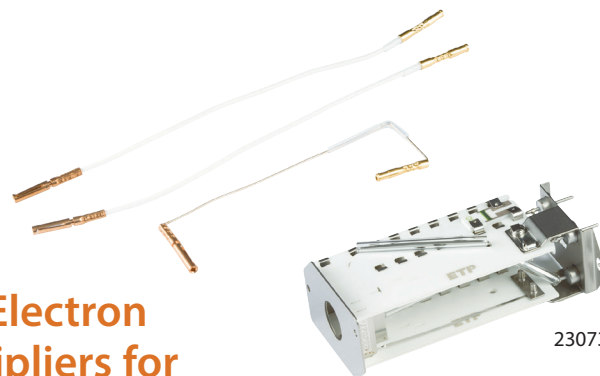
We offer a broad range of common phases as well as application-specific products developed for light hydrocarbon analysis, sulfurs, permanent gases, and ASTM Method D3606.

- Inertness of glass and the durability of stainless steel.
- Short conditioning times, low bleed, and long column lifetimes.
- Reliable, predictable results.

### Need help choosing?

Whether one of our stock columns is perfect, or you need a custom, we can help you choose your next packed column by USP nomenclature, application, and more.

Learn more at [www.restek.com/packedGC](http://www.restek.com/packedGC)



23073

## ETP Electron Multipliers for Mass Spectrometry

- Proprietary specialized surface material resulting in very high secondary electron emission.
- Air stable.
- Two-year shelf life guarantee.
- Discrete dynode design results in extended operating life.

Instrument	qty.	cat.#	Price £
for Agilent 5971, 5972, GC GC-MS	ea.	23073	1,540.10
for Agilent 5973 & 5975 GC-MS (includes mount for initial installation)*†	ea.	23074	2,003.25
for Agilent 5973 & 5975 GC-MS and LC-MSD (Replacement Multiplier)*†	ea.	23075	1,667.35

\*Note: The electron multipliers have been specifically developed to retrofit the original manufacturer's equipment. The detector incorporates a modular design to facilitate ease of replacement and additional innovations intended to enhance performance. First-time installation requires a mount that includes the mechanical housing. After initial installation, only the replacement electron multiplier is required.

†This unit is designed for use in the 5975, 5973 GC, and the LC-MSD (not for 5975C Triple Axis Detector).



# Faster Trace-Level Analysis of Acrylamide in Drinking Water and Food with Allure Acrylamide LC Columns

Unique column chemistry reliably separates acrylamide from matrix interferences, and our new format for large volume injection lets you reach sensitivity requirements without time-consuming SPE preconcentration.

## Two Column Formats for Optimal Application-Specific Performance:



- 50 x 2.1 mm for faster analysis times and fewer column changes for food and drinking water with SPE sample prep.

ID	Length	qty.	cat.#	Price £
2.1 mm	50 mm	ea.	9167552	462.50



- 150 x 3.0 mm for using large volume injection to meet ppt-level sensitivity requirements for drinking water without SPE.

ID	Length	qty.	cat.#	Price £
3.0 mm	150 mm	ea.	916756E	623.25



Trident filter and guard cartridge holders are also available at [www.restek.com/trident](http://www.restek.com/trident)

## Allure Guard Cartridges

Description	Particle Size	Size	qty.	cat.#	Price £
Allure Acrylamide Guard Cartridge	5 µm	10 x 2.1 mm	3-pk.	916750212 <b>NEW!</b>	241.05

## Acrylamide Reference Standards

Description	CAS #	Conc. in Solvent	CRM?	Min Shelf Life on Ship Date	Max Shelf Life on Ship Date	Shipping Conditions	Storage Temp.	qty.	cat.#
Acrylamide	79-06-1	1,000 µg/mL in methanol, 1 mL/ampul	Yes	6 months	24 months	Ambient	0 °C or colder	ea.	30494
Acrylamide-d3	122775-19-3	500 µg/mL in acetonitrile, 5 mL/ampul	Yes	6 months	24 months	Ambient	10 °C or colder	ea.	30153

# Introduce Your Entech Sampling Canisters to Restek Air Valve Excellence (RAVE)

- **Easy retrofit**—replace TOV and TOV-2 valves without modification!
- **Proven long life**—engineered to exceed 15,000 cycles.
- **Leak-free performance**—helium leak tested to 1x10<sup>-6</sup> mL/sec.
- **Effortless operation**—finger turn for full valve closure (only 10 in-lb).



## RAVEN Diaphragm Valves for Entech air sampling canisters

Description	Material	Used with	qty.	cat.#	Price £
1/4" Diaphragm Valve, RAVEn (2-Port)	Stainless Steel	Entech air sampling canisters	ea.	27376	307.20
	Siltek Treated	Entech air sampling canisters	ea.	27377	414.75
1/4" Diaphragm Valve, RAVEn (3-Port)	Stainless Steel	Entech air sampling canisters	ea.	27378	330.25
	Siltek Treated	Entech air sampling canisters	ea.	27379	440.85

## RAVE and RAVEn Diaphragm Rebuild Kit

Includes	Material	qty.	cat.#	Price £
a tube of grease; two screws; a bonnet (metal ring); a button assembly (small white circular piece); and a diaphragm stack (thin metal disks)	Stainless Steel	kit	26389	46.95
a tube of grease; two screws; a bonnet (metal ring); a button assembly (small white circular piece); and a diaphragm stack (Siltek-treated thin metal disks)	Siltek Treated	kit	26390	60.00

See our full selection of air sampling products at [www.restek.com/air](http://www.restek.com/air)



# EXP and EXP2 Fittings

## Reusable Fittings for Easy, Reliable HPLC & UHPLC Connections

- Can be installed repeatedly without compromising high-pressure seal.
- Non-swaged ferrules mean vendor-specific tubing is not required.
- Precision design provides zero-dead-volume (ZDV) connection to any 10-32 female port.



### Integrated Ferrule



### NEW! EXP2 TI-LOK All-in-One (AIO) Reusable Fittings

*Integrated ferrule simplifies installation—no more lost ferrules*

Description	qty.	cat.#	Price £
EXP2 TI-LOK All-in-One (AIO) Hand-Tight Fitting with Integral Ferrule (includes built-in driver) for 10-32 fittings and 1/16" tubing	ea.	25745	
	10-pk.	25746	

### EXP2 Reusable Fittings

for 10-32 fittings and 1/16" tubing

Description	qty.	cat.#	Price £
EXP2 Fitting (2 nuts, 2 ferrules, 1 driver)	2-pk.	25783	156.25
EXP2 Fitting (10 nuts, 10 ferrules, 1 driver)	10-pk.	25784	560.25
EXP2 Driver (driver only)	ea.	25785	52.50

### EXP Reusable Fittings

for 10-32 fittings and 1/16" tubing

Description	qty.	cat.#	Price £
EXP Hand-Tight Fitting (nut w/ferrule)	ea.	25937	52.50
	10-pk.	25938	467.65
EXP Std. Hex-Head Fitting (nut w/ferrule)	ea.	25926	53.60
	10-pk.	25927	507.80
EXP Short Hex-Head Fitting (nut w/ferrule)	ea.	25928	53.60
	10-pk.	25929	507.80
EXP Long Hex-Head Fitting (nut w/ferrule)	ea.	25930	53.60
	10-pk.	25931	507.80
EXP Titanium Hybrid Ferrule	ea.	25935	40.20
	10-pk.	25936	368.30

WARNING: Do not use EXP ferrules with standard nuts. Failure to use EXP fittings according to the included instructions may result in unsafe UHPLC connections and/or non-ZDV connections. Intellectual Property: [optimizetech.com/patents](http://optimizetech.com/patents)

Learn more at [www.restek.com/EXP](http://www.restek.com/EXP)

## HPLC Survival and Performance Kits

- Survival kits—for start-up and maintenance in all HPLC systems.
- HPLC PEEK performance kit—a useful complement to your HPLC system.

### Survival Kit for HPLC, Stainless Steel

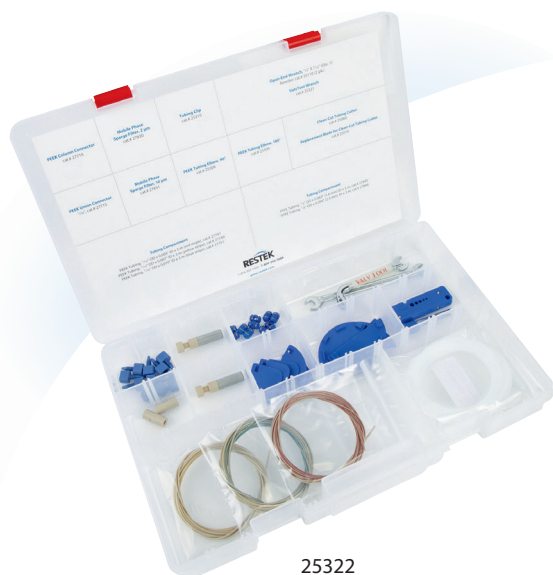
Description	qty.	cat.#	Price £
Survival Kit for HPLC	kit	25097	480.65

### Survival Kit for HPLC, PEEK

Description	qty.	cat.#	Price £
Survival Kit for HPLC	kit	25322	388.95

### HPLC PEEK Performance Kit

Description	qty.	cat.#	Price £
HPLC PEEK Performance Kit	kit	26394	210.10



25322

Find more LC products to make your lab life easier at [www.restek.com/LCacc](http://www.restek.com/LCacc)






## Simultaneously Remove Phospholipids and Proteins in One Resprep PLR Procedure

- Prevent signal suppression.
- No analyte-specific method development.
- Minimize contamination and maintenance.

Description	qty.	cat.#	Price £
Resprep PLR SPE Cartridge, 25 mg/1 mL cartridge	100-pk.	28300	153.30
Resprep PLR SPE 96-Well Plate, 25 mg/2 mL each well	ea.	28301	145.85



Novel co-sintered frit and sorbent design prevents channeling for high well-to-well flow rate consistency.

Learn more about Resprep PLR products at [www.restek.com/PLR](http://www.restek.com/PLR)

## Get a Quicker Cleanup: Resprep SLE Cartridges and 96-Well Plates

- Just load, wait 5 min, then elute.
- Removes proteins, phospholipids, and salts.



Description	qty.	cat.#	Price £
Resprep SLE cartridges, 200 mg/3 mL cartridge	50-pk.	28302	100.45
Resprep SLE cartridges, 400 mg/3 mL cartridge	50-pk.	28303	111.60
Resprep SLE 96-well plates, 200 mg/2 mL each well	1-pk.	28304	160.00
Resprep SLE 96-well plates, 400 mg/2 mL each well	1-pk.	28305	186.00

Learn more at [www.restek.com/ResprepSLE](http://www.restek.com/ResprepSLE)

## Resprep Quick-Replace SPE Vacuum Manifolds



Description	Size	qty.	cat.#	Price £
Resprep QR-12 Quick-Replace vacuum manifold	12-port	kit	28298-VM	1,210.00
Resprep QR-24 Quick-Replace vacuum manifold	24-port	kit	28299-VM	1,752.85

Order today at [www.restek.com/ResprepQR](http://www.restek.com/ResprepQR)

## Two Sources of Pi-Marked Gas Calibration Standards—One Convenient Order

- Independently manufactured by two different sources; easily meet 2nd source lab requirements.
- Pi-marked cylinders available for the EU.
- Each cylinder comes with a certificate of analysis and unique serial number.

Restek provides gas calibration standards from Spectra/Linde, Airgas (formerly Scott/Air Liquide), and other gas calibration suppliers. These air standards include TO-14A, TO-15, environmental blends, Scott transportable pure gases & mixtures, natural gas, and refinery gas, as well as related accessories. We can also source custom, made-to-order gas calibration standards.

Find your gas calibration standards at [www.restek.com/2ndsource](http://www.restek.com/2ndsource)



## Excellence Is Our Standard

Restek Air Valve Excellence (RAVE) valves—standard on all Restek air canisters—feature proven long life, leak-free performance (helium leak tested to  $1 \times 10^{-6}$  mL/sec), and effortless operation.

### SilcoCan Air Sampling Canisters with RAVE Valve

*Ideal for low-level reactive sulfur (5–20 ppbv), TO-14A, or TO-15 compounds*

Siltek-treated canister and valve offers unsurpassed inertness, even for sulfur-containing or brominated compounds.

Modification	Volume	cat.# / ea.	Modification	Volume	cat.# / ea.	Modification	Volume	cat.# / ea.
2-Port RAVE Valve	1 L	27400	3-Port RAVE Valve with Gauge*	3 L	27406	without Valve	6 L	22092
2-Port Siltek-Treated RAVE Valve	1 L	27401	3-Port Siltek-Treated RAVE Valve with Gauge*	3 L	27407	2-Port RAVE Valve	15 L	27412
3-Port RAVE Valve with Gauge*	1 L	27402	without Valve	3 L	22091	2-Port Siltek-Treated RAVE Valve	15 L	27413
3-Port Siltek-Treated RAVE Valve with Gauge*	1 L	27403	2-Port RAVE Valve	6 L	27408	3-Port RAVE Valve with Gauge*	15 L	27414
without Valve	1 L	22090	2-Port Siltek-Treated RAVE Valve	6 L	27409	3-Port Siltek-Treated RAVE Valve with Gauge*	15 L	27415
2-Port RAVE Valve	3 L	27404	3-Port RAVE Valve with Gauge*	6 L	27410	without Valve	15 L	22093
2-Port Siltek-Treated RAVE Valve	3 L	27405	3-Port Siltek-Treated RAVE Valve with Gauge*	6 L	27411			

### TO-Can Air Sampling Canisters with RAVE Valve

*Optimized for Methods TO-14A, TO-15, IP-1A, ASTM D5466, OSHA PV 2120, and NJ DEP Low Level TO-15*

SUMMA canister equivalent features proprietary electropolished surface that maintains compound stability.

Modification	Volume	cat.# / ea.	Modification	Volume	cat.# / ea.
2-Port RAVE Valve	1 L	27416	2-Port RAVE Valve	6 L	27420
3-Port RAVE Valve with Gauge*	1 L	27417	3-Port RAVE Valve with Gauge*	6 L	27421
without Valve	1 L	22094	without Valve	6 L	22096
2-Port RAVE Valve	3 L	27418	2-Port RAVE Valve	15 L	27422
3-Port RAVE Valve with Gauge*	3 L	27419	3-Port RAVE Valve with Gauge*	15 L	27423
without Valve	3 L	22095	without Valve	15 L	22097

\*Range of standard gauge is –30" Hg to 60 psi. | Do not exceed canister maximum pressure of 40 psig (2.75 bar).



## Extend Air Canister and Valve Lifetime—RAVEqc Valves

**No Wrenches Mean No Overtightening or Cross-Threading Damage**



- Simplify your workflow—tool-free design makes it fast and easy for anyone to make consistent, quality connections.
- Check status at a glance—if the parts are connected, the valve is open; if they're apart, it's closed.
- Great for attaching air canisters to the wide variety of devices used to sample and analyze air samples.

Description	Material	cat.# / ea.	Price £
Female RAVEqc Valve to 1/16" Male Compression Fitting	Stainless Steel	27341	108.40
	Siltek Treated	27342	164.35
Female RAVEqc Valve to 1/8" Male Compression Fitting	Stainless Steel	27343	108.40
	Siltek Treated	27344	141.50
Female RAVEqc Valve to 1/4" Male Compression Fitting, High-Flow, Open-Position	Stainless Steel	27345	108.40
	Siltek Treated	27346	152.90
Female RAVEqc Valve to 1/4" Tube-End Fitting	Stainless Steel	27347	108.40
	Siltek Treated	27348	152.90
Male RAVEqc 3-Port Valve to 1/4" Male Compression Fitting without Gauge	Stainless Steel	27349	87.90
	Siltek Treated	27350	152.90

\* Requires a 1/4" nut and ferrule set, sold separately in 5-pks. as cat.# 23161.

Description	Material	cat.# / ea.	Price £
Male RAVEqc 3-Port Valve to 1/4" Male Compression Fitting with Gauge	Stainless Steel	27351	217.95
	Siltek Treated	27352	246.50
Male RAVEqc Valve to 1/8" Male Compression Fitting	Stainless Steel	27367	63.90
	Siltek Treated	27368	83.30
Female RAVEqc Valve to 1/4" Male Compression Fitting	Stainless Steel	27369	108.40
	Siltek Treated	27370	127.80
Male RAVEqc Valve to 1/4" Tube End Fitting, Extended (1.58")*	Stainless Steel	27371	51.35
	Siltek Treated	27372	67.35
Male RAVEqc Valve to 1/4" Tube End Fitting, Short (1.23")*	Stainless Steel	27373	49.10
	Siltek Treated	27374	67.35
Female RAVEqc Valve to 1/4" NPT Fitting	Stainless Steel	27365	108.40
	Siltek Treated	27366	127.80



# Limited Volume Inserts for Standard and Large Opening Vials

Finneran Porvair Sciences designed the Limited Volume Inserts with polymer bottom springs to ensure that autosamplers extract even the smallest sample volumes, every time, without damaging injection needles or breaking sample containers. The polymer bottom spring acts as a shock absorber to project sample needles from bottoming out. The conical design permits complete sample removal. The pulled point internal design permits sufficient sample withdrawal and allows chemists the ability to analyse smaller sample volumes in standard size vials.

Finneran Porvair Science inserts are manufactured from Type I borosilicate glass.

## Conical Glass Inserts – Precision-Formed Mandrel Interior – Standard Opening Vials

Description	qty.	cat.#	Price £
50µL Glass Insert, 4x25mm, with Bottom Spring	100	4005BS-425	32.65
100µL Glass Insert, 5x30mm, with Bottom Spring	100	401BS-530	24.85
150µL Glass Insert, 5x29mm, with Bottom Spring	100	4015BS-529	27.60

## Conical Glass Inserts – Precision-Formed Mandrel Interior – Large Opening Vials

Description	qty.	cat.#	Price £
50µL Glass Insert, 6x25mm, with Bottom Spring	100	4005BS-625	32.25
250µL Glass Insert, 6x29mm, with Bottom Spring	100	4025BS-629	40.45

## Conical Glass Inserts – Pulled Point Interior – Standard Opening Vials

Description	qty.	cat.#	Price £
200µL Glass Insert, 5x31mm, No Spring	1000	402FT-531	119.35

## Conical Glass Inserts – Pulled Point Interior – Large Opening Vials

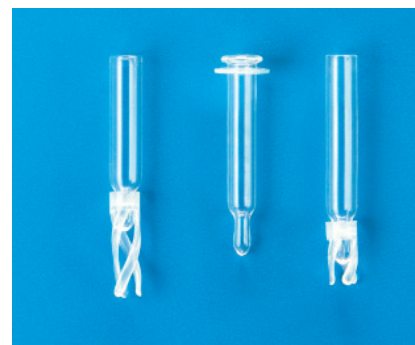
Description	qty.	cat.#	Price £
250uL Glass Insert, 6x29mm, with Bottom Spring	1000	4025BSFT-629	238.70
250uL Glass Insert, 6x31mm, no Spring	1000	4025FT-631	112.75

## Conical Polypropylene Inserts – Precision-Formed Interior – Standard Opening Vials

Description	qty.	cat.#	Price £
100µL Polypropylene Insert, 5x30mm, with Bottom Spring	1000	401PBS-530	136.00

## Conical Polypropylene Inserts – Precision-Formed Interior – Large Opening Vials

Description	qty.	cat.#	Price £
250µL Polypropylene Insert, 6x32mm, with Bottom Spring	1000	4025PBS-631	99.50



# High-Quality Vials Offer Exceptional Value for Analysts

In addition to providing the reliability and quick delivery you have come to expect from Restek, these vials come with a competitive price that makes them an ideal choice for any lab.

Description	cat. #	Pack size	Price £
<b>2.0mL, 9 mm Short-Cap, Screw-Thread Vials and Caps with Septa 12 x 32 mm</b>			
2.0ml Screw Vials clear, 12x32mm 9-425, Restek Marking Spot	SR-0100902-CL	100 pk	£7.00
2.0ml Screw Amber Vials, 12x32mm 9-425, Restek Marking Spot	SR-0100902-AL	100 pk	£7.35
Blue Screw Cap 9-425 with PTFE/silicone septa	SR-02009-TS-B	100 pk	£10.30
Blue Screw Cap 9-425 with bonded PTFE/silicone septa	SR-02009-TS-B/B	100 pk	£13.60
Blue Screw Cap 9-425 with pre-slit PTFE/silicone septa	SR-02009-TS-B-P/S	100 pk	£11.25
Black Screw Cap 9-425 with PTFE/silicone septa	SR-02009-TS-BLK	100 pk	£11.40
<b>2.0mL Screw-Thread Vials and Caps with Septa, 12 x 32 mm, 8 mm/425 Thread</b>			
2.0ml Screw Vials clear, 12x32mm 8-425, Restek Marking Spot	SR-0100802-CL	100 pk	£7.80
Black Screw Cap 8-425 with PTFE/silicone septa	SR-02008-TS-I/N	100 pk	£12.05
<b>2.0mL Snap Cap Vials and Caps with Septa, 12 x 32 mm, 11mm</b>			
2.0ml Snap Cap Vials clear, 12x32mm, Restek Marking Spot	SR-0101102-CL	100 pk	£7.00
2.0ml Snap Cap Amber Vials, 12x32mm, Restek Marking Spot	SR-0101102-AL	100 pk	£7.55
Clear 11mm Snap Cap with PTFE/rubber septa	SR-01011TGOT	100 pk	£11.20
Clear 11mm Snap Cap with PTFE/silicone septa	SR-01011TSIT	100 pk	£11.70
<b>2.0mL Crimp-Top Vials and Aluminium Seals with Septa, 12 x 32 mm, 11mm</b>			
2.0ml Crimp Vials clear, 12x32mm 11mm, Restek Marking Spot	SR-01001102-CL	100 pk	£6.75
Aluminium Crimp Cap 11mm with PTFE/rubber septa	SR-02011-TG-O/A	100 pk	£9.25
Aluminium Crimp Cap 11mm with PTFE/silicone septa	SR-02011-TS-I/A	100 pk	£7.35
<b>Volatile Organic Analyte (VOA) Sampling Vials and Caps with Septa</b>			
40ml Screw Cap Vials clear glass, 28x95mm	SR-0140-CL	100 pk	£28.25
40 ml vial caps with PTFE/silicone septa	SR-02024-TS-IN	100 pk	£25.45
<b>20ml Headspace Vials and Crimp Caps with Septa</b>			
20ml HS Vial clear, 22x75mm. , crimp top, round bottom	SR-020-CL	100 pk	£22.10
20ml HS Vial clear, 22x75mm. , crimp top, flat bottom	SR-020-PCL	100 pk	£22.10
20mm Aluminium Seal, PTFE/silicone Septa	SR-020TS-IA-A	100 pk	£33.90



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