

**Sampling Supplies for Semivolatiles in Air**

Everything you need for sampling semivolatile compounds in air: Ultra-Clean resin, PUF sampling cartridges.

**Ultra-Clean Resin: Equivalent to XAD®-2 Resin; Exclusively from Restek!**

- For adsorbing semivolatiles in air.
- Cleaned, GC tested and certified by TO-13 protocol.
- Available in 100 gram quantities.

Although resin is an excellent adsorbent for trapping PAHs, it requires extensive clean-up because many of its impurities are PAH compounds. To enable you to eliminate time-consuming clean-up but still meet TO-13 method requirements, we do the cleaning for you! Ultra-Clean resin complies with the specified maximum contamination levels—we test each batch by capillary GC/flame ionization detector to ensure cleanliness.

method **applications**

Method	Applications
EPA 23	Dioxins
EPA TO-13A	PAHs
ASTM D6209	PAHs



Restek's Ultra-Clean resin eliminates the hassle of cleaning and testing resin for air sampling.

Description	cat.#	1-4 bottles	5-9 bottles	10+ bottles
Ultra-Clean Resin, 100 grams	24230			

**SDVB Resin**

- Styrene/divinylbenzene, equivalent to XAD®-2 resin.
- Untreated, packaged in 1kg plastic containers.
- Spherical, 20 to 60 mesh particles.

Description	qty.	cat.#
SDVB Resin	1kg	24053



**Cleaned Polyurethane Foam (PUF) Cartridges**

- Precleaned and ready to use for collection of semivolatiles (pesticides, PCBs, PAHs).
- Both large high-volume (220-280L/min.) and small low-volume (1-5L/min.) PUFs available.
- Suitable for ambient, indoor, and industrial hygiene applications.
- PUF/XAD®-2 "sandwiches" capture a wider range of semivolatiles.



also **available**

We also offer Whatman QM-A Quartz Fiber Filters. Visit [www.restek.com](http://www.restek.com).

method **applications**

Method	Applications	cat.#
EPA TO-10A	Organochlorine and organophosphorous pesticides, carbamate, pyrethrin, triazine, and urea pesticides	22116
EPA IP-7	Polycyclic aromatic hydrocarbons (PAHs)	22114
EPA IP-8	Organochlorine and organophosphorous pesticides, carbamate, pyrethrin, triazine, and urea pesticides	22116
ASTM D4861	Organochlorine and organophosphorous pesticides, PCB	22116
ASTM D4947	Chlordane and heptachlor residues	22116
Research	Pesticides	22117
EPA TO-4A	Organochlorine pesticides, PCBs	22114
EPA TO-9A	Polychlorinated dibenzo- <i>p</i> -dioxins (PCDDs)	22114
EPA TO-13A	Polycyclic aromatic hydrocarbons (PAHs)	22114
EPA 600/8-80-038	Organochlorine pesticides, PCBs, PAHs	22115
ASTM D6209	Polycyclic aromatic hydrocarbons (PAHs)	22114



Large PUF Cartridge



Small PUF Cartridge

Description	qty.	cat.#
Cleaned PUF Plug (7.6cm length, 6cm diameter)	ea.	24295
Large PUF Cartridge, 65mm OD x 125mm length, 75mm PUF	ea.	22114
Large PUF/XAD® Cartridge, 65mm OD x 125mm length, 25mm PUF/10g XAD®-2/50mm PUF	ea.	22115
Small PUF Cartridge, 22mm OD x 100mm length, 76mm PUF	ea.	22116
Small PUF/XAD® Cartridge, 22mm OD x 100mm length, 30mm PUF/1.5g XAD®-2/30mm PUF	ea.	22117

**new!**

