

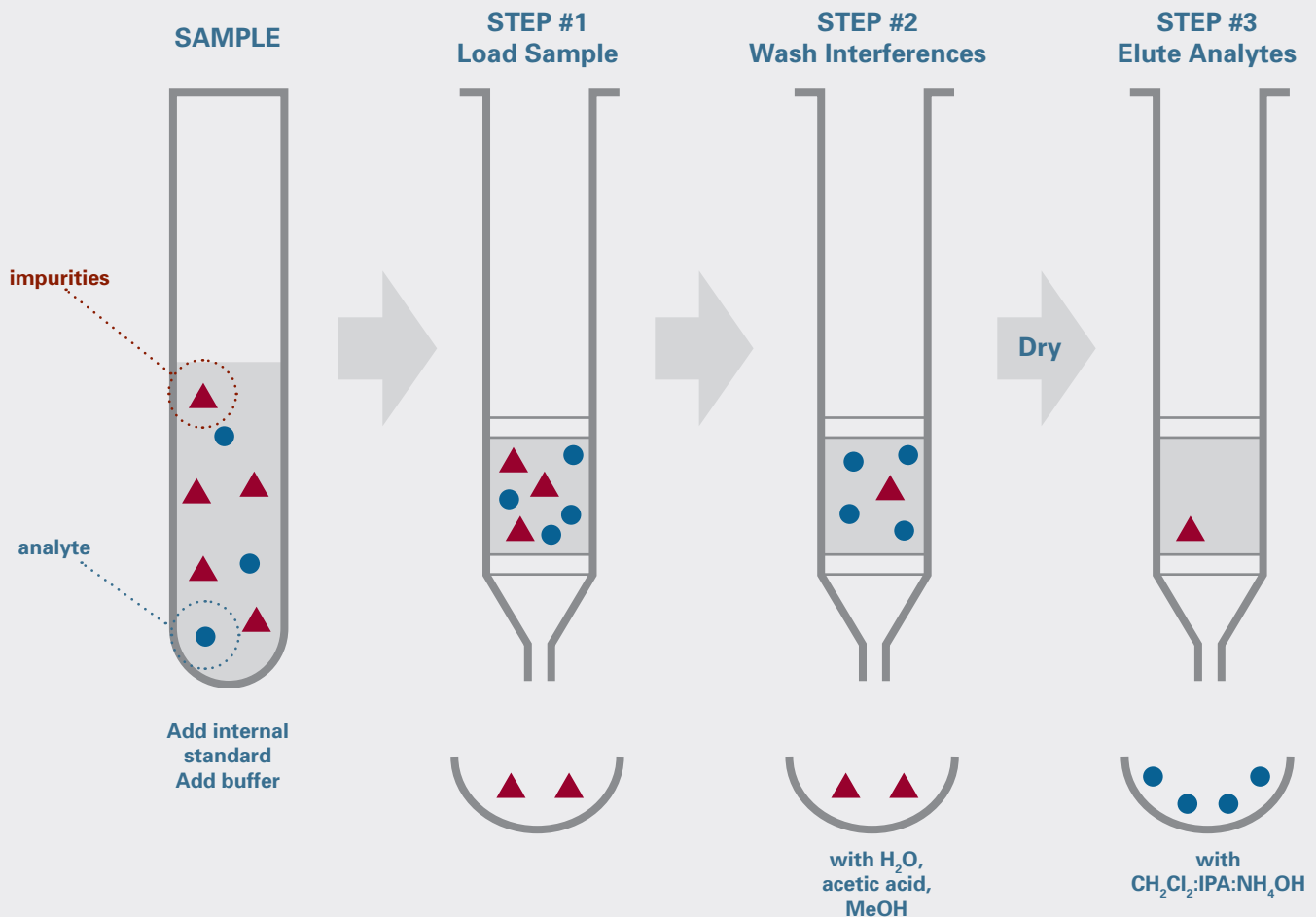
Polymeric
Resins



STYRE SCREEN®
Extraction Columns

STYRE SCREEN® extraction columns contain an ultra clean, highly cross-linked styrene and divinylbenzene copolymer sorbent that is functionalized with both a reverse phase hydrophobic component and a strong cation exchanger. High and reproducible recoveries for acidic, neutral and basic compounds are achievable with a single column. The STYRE SCREEN® particles have an average particle size of 30 microns and a very high analyte capacity making them ideal for standard solid phase extraction applications. The increased analyte capacity means that less sorbent bed mass is needed which results in faster flow rates and less solvent use. Higher throughput and less solvent waste disposal translate into significant savings in both time and money. In addition, no conditioning steps are required for most drugs of abuse applications. These columns can be used with vacuum or positive pressure manifolds, as well as conventional automated extraction equipment.

STYRE SCREEN® General Application



Advantages of STYRE SCREEN®:

- No conditioning steps
- Copolymer allows for extraction of acids, neutrals and bases
- High and reproducible recoveries
- Clean extractions
- Highly cross-linked styrene/divinylbenzene polymer
- Reduction in sorbent mass
- Faster flow rates
- pH stable (1 to 14)
- Reduction in solvent use
- High sorbent capacity
- Methods for NIDA/SAMHSA 5 Drugs



Type of Resin	Structure	% Organic Loading	Application
DBX - Benzenesulfonic Acid + C18	$\text{○} + \text{-Si-(CH}_2\text{)}_2\text{-SO}_3\text{H} \ \& \ \text{-Si-(CH}_2\text{)}_{17}\text{CH}_3$ polymeric bead	12.13	Dual functionality for weak acids and hydrophobic compounds.
DVB - Polystyrene Divinylbenzene	○ polymeric bead	N/A	Useful for screening applications where a broad range of analytes is to be extracted.
BCX - Benzenesulfonic Acid	$\text{○} + \text{-Si-(CH}_2\text{)}_2\text{-SO}_3\text{H}$ polymeric bead	11.00	Scavenger for amines, alcohols and other nucleophiles.
C18 - Reverse Phase C18	$\text{○} + \text{-Si-(CH}_2\text{)}_{17}\text{CH}_3$ polymeric bead	21.70	Removes hydrophobic impurities; de-salting and purification of hydrophobic compounds.
CCX - Carboxylic Acid	$\text{○} + \text{-Si-CH}_2\text{COOH}$ polymeric bead	N/A	Scavenger for strong anions. (Quaternary amines or metals)
QAX - Quaternary Amine	$\text{○} + \text{-Si-(CH}_2\text{)}_3\text{N} + (\text{CH}_3\text{)}_3\text{Cl}^-$ polymeric bead	6.60	Removes large or more hydrophobic compounds.

PRICES AND TERMS

Our prices are subject to change without notice. The price in effect when we receive your order will apply. All prices are in US Dollars and are F.O.B. Lewistown, PA 17044. Terms of payment are net 30 days.

MINIMUM ORDERS

We welcome all orders, therefore, we do not have a minimum order requirement. When ordering, please include your purchase order number, complete "Ship To" and "Bill To" address, catalog number, quantity, and description of product(s). Also include your name and a phone number where you can be reached should we have any questions concerning your order.

SHIPMENTS

Normal processing is within 24 hours after receipt of an order. Unless special shipping requests have been made, our trained staff will send all orders by UPS Ground service. The appropriate shipping charges (freight & insurance costs) will be added to the invoice, unless otherwise instructed by the customer.

SPECIAL PRICING

We offer special pricing for volume purchases and standing orders. These discounts apply to bonded phase extraction column purchases only. Please call a sales representative for more information on special pricing qualifications.

RETURN POLICY

Our Quality Manager will handle all returns. Before returning merchandise, please call to obtain a return authorization number from the quality manager. We will need to know the reason for the return, date of purchase, purchase order number and invoice number in order to issue a return authorization number. Return merchandise must be received before a credit can be issued. Returns will not be accepted after 90 days. A restocking fee of 25% of the price paid, or a minimum of \$25.00 (whichever is greater) will be charged on all returns.

WARRANTY

All products manufactured by UCT are guaranteed against defects in materials and workmanship for a period of 90 days after shipment. UCT will replace any items that prove to be defective during this time period.

The exclusive remedy requires the end user to first advise UCT of the defective product by phone or in writing. Secondly, the defective product must be returned within 30 days after proper approval from our Quality Manager. All returns must indicate the purchase order number, the lot number and the shipping date. UCT's total liability is limited to the replacement cost of UCT products.

This warranty does not apply to damage resulting from misuse.

Placing An Order	Mail	Technical Support
Phone: 215.781.9255 800.541.0559 Fax: 215.785.1226	UCT, LLC 2731 Bartram Rd. Bristol, PA 19007	Phone: 215.781.9255 800.385.3153 Fax: 215.785.1226 Email: info@unitedchem.com Forum: forums.unitedchem.com Web: www.unitedchem.com

