

STYRE SCREEN[®] Polymeric Resin Columns

Introduction to 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.



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

STYRE SCREEN[®] Polymeric Resins for Solid Phase Extraction Columns

Part Number	Sorbent Amount/ Tube Volume	Unit per Pack	Description
DBX - Benzenesulfonic Acid + C18			
SSDBX031	30mg/1mL	100	% Organic Loading: 12.30 Application: Dual functionality for weak acids and hydrophobic compounds.
SSDBX033	30mg/3mL	50	
SSDBX056	50mg/6mL	50	
DVB - Polystyrene Divinylbenzene			
SSDVB031	30mg/1mL	100	% Organic Loading: N/A Application: N/A
SSDVB033	30mg/3mL	50	
SSDVB056	50mg/6mL	50	
BCX - Reverse Phase			
SSBCX031	30mg/1mL	100	% Organic Loading: 11.00 Application: Scavenger for amines, alcohols and other nucleophiles.
SSBCX033	30mg/3mL	50	
SSBCX056	50mg/6mL	50	

STYRE SCREEN[®] Polymeric Resins for Solid Phase Extration Columns

Part Number	Sorbent Amount/ Tube Volume	Unit per Pack	Description
C18 - Reverse Phase			
SSC18031	30mg/1mL	100	% Organic Loading: 21.70 Application: Removes hydrophobic impurities, de-salting and purification of hydrophobic compounds.
SSC18033	30mg/3mL	50	
SSC18056	50mg/6mL	50	
CCX - Carboxylic Acid			
SSCCX031	30mg/1mL	100	% Organic Loading: 9.10 Application: Scavenger for strong anions. (Quaternary amines or metals)
SSCCX033	30mg/3mL	50	
SSCCX056	50mg/6mL	50	
QAX - Quaternary Amine			
SSQAX031	30mg/1mL	100	% Organic Loading: 8.40 Application: Removes large or more hydrophobic compounds.
SSQAX033	30mg/3mL	50	
SSQAX056	50mg/6mL	50	