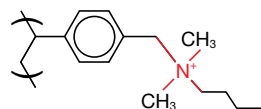


## Strata™-X-A General Method for the Extraction of Weak Acids

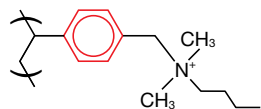
Strata-X-A is a novel polymeric strong anion exchange sorbent that couples a hydrophobic backbone with a dimethyl butyl quaternary amine functional group.

This sorbent retains analytes by several different mechanisms:

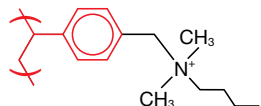
### Strong Anion Exchange



### π-π Bonding



### Hydrophobic Interaction

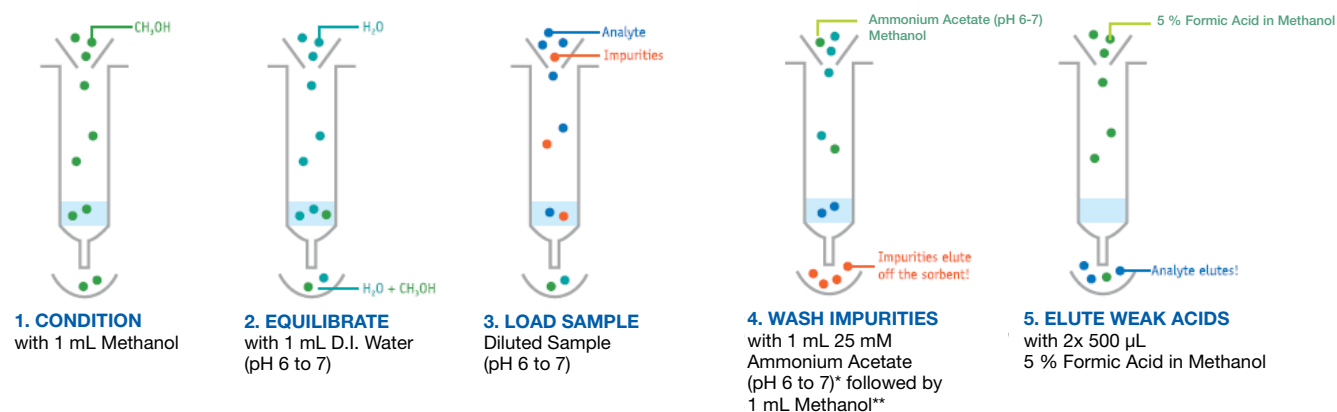


Strata-X-A facilitates the fractional collection of basic and neutral compounds from acids. If acidic compounds are the only analytes of interest, the strong ionic interaction between Strata-X-A and the target acidic analytes allows for aggressive washings with relatively strong organic solvents for superior sample cleanup.

### Strata-X-A Method for Acidic Compounds

Note: Method uses solvent volumes appropriate for a 30 mg sorbent mass. For larger or smaller masses, refer to Phenomenex Technical Note TN-013.

Very Important: This method is NOT suitable for the extraction of strongly acidic (anionic) compounds such as sulfonic acids. For such compounds, please follow the method entitled “Strata-X-AW General Method for the Extraction of Any Acid” (Technical Note TN-0024), which uses a weak anion exchange sorbent.



\*This fraction will contain polar neutrals.

\*\*The methanol wash serves to remove endogenous contaminants from biological sample matrices and reduces ion suppression in LC/MS under ESI mode. This fraction will contain neutrals and bases.

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Phenomenex products are available worldwide. For the distributor in your country, contact Phenomenex USA, International Department at international@phenomenex.com

**Strata-X-A Ordering Information**

Sorbent Mass	Part No.	Unit
<b>Tube</b>		
30 mg	8B-S123-TAK	1 mL (100/box)
30 mg	8B-S123-TBJ	3 mL (50/box)
60 mg	8B-S123-UBJ	3 mL (50/box)
200 mg	8B-S123-FCH	6 mL (30/box)
500 mg	8B-S123-HBJ	3 mL (50/box)
500 mg	8B-S123-HCH	6 mL (30/box)
<b>Giga™ Tube</b>		
500 mg	8B-S123-HDG	12 mL (20/box)
1 g	8B-S123-JDG	12 mL (20/box)
1 g	8B-S123-JEG	20 mL (20/box)
2 g	8B-S123-KEG	20 mL (20/box)
5 g	8B-S123-LFF	60 mL (16/box)
<b>96-Well Plate</b>		
10 mg	8E-S123-AGB	2 Plates/Box
30 mg	8E-S123-TGB	2 Plates/Box
60 mg	8E-S123-UGB	2 Plates/Box

Additional sizes available. Contact your Phenomenex Sample Preparation Specialist for additional information.

Contact your Sample Preparation Specialist for applications, method development support, and free samples of Strata™-X SPE tubes!



If Strata<sup>®</sup> SPE products do not perform as well or better than your current SPE product of similar phase, mass and size, return the product with comparative data within 45 days for a FULL REFUND.

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Subject to Phenomenex Standard Terms and Conditions which may be viewed at <http://www.phenomenex.com/TermsAndConditions>.

**Trademarks**

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**Disclaimer**

The general method is a convenient starting point for SPE method development. Further optimization may be required to tailor the method to your specific needs.

Strata-X is patented by Phenomenex.

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