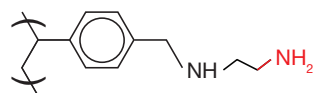


## Strata™-XL-AW General Method for the Extraction of Weak Acids

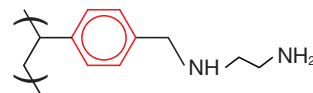
Strata-XL-AW is a novel polymeric, large particle, weak anion exchange sorbent that couples a hydrophobic backbone with a diamino ligand which contains both primary and secondary amines.

This sorbent retains analytes by several different mechanisms:

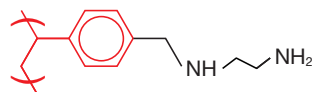
### Weak Anion Exchange



### π-π Bonding



### Hydrophobic Interaction

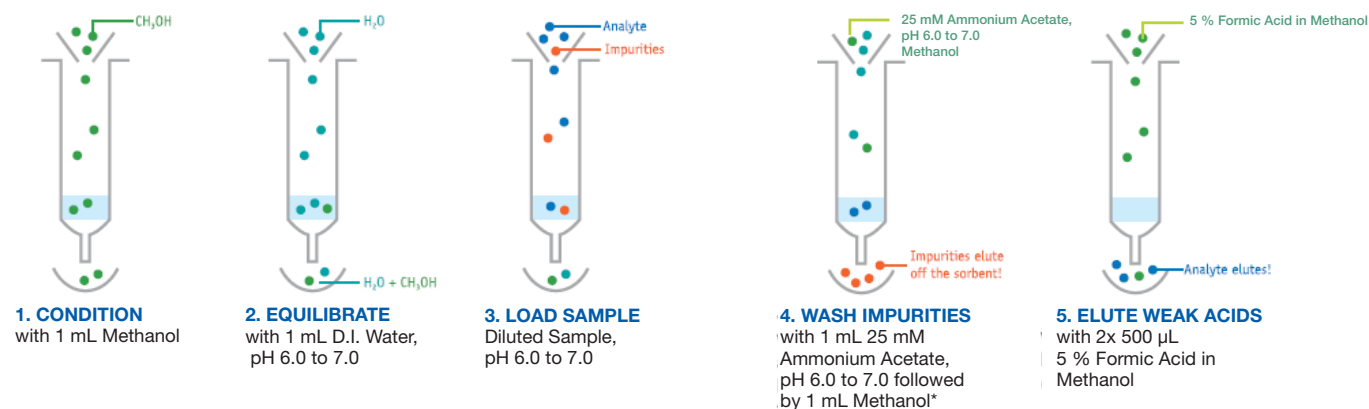


The retention mechanism of Strata-XL-AW is effective for the extraction of both strong and weak acids. Strong acids can be eluted by neutralizing the sorbent while weak acids are eluted by neutralizing the acidic analytes.

### Strata-XL-AW Method for Weakly Acidic Compounds

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

Very Important: This method is NOT suitable for the extraction of strongly acidic (anionic) compounds such as sulfonic acids. Please follow the method entitled "Strata-XL-AW General Method for the Extraction of Any Acid" (Technical Note TN-0030) which uses a basic elution method.



\*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.

TN-0031

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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™ -XL-AW Ordering Information

Sorbent Mass	Part No.	Unit
<b>Tube</b>		
30 mg	8B-S051-TAK	1 mL (100/box)
60 mg	8B-S051-UBJ	3 mL (50/box)
100 mg	8B-S051-EBJ	3 mL (50/box)
100 mg	8B-S051-ECH	6 mL (30/box)
200 mg	8B-S051-FBJ	3 mL (50/box)
200 mg	8B-S051-FCH	6 mL (30/box)
500 mg	8B-S051-HBJ	3 mL (50/box)
500 mg	8B-S051-HCH	6 mL (30/box)
<b>Giga™ Tube</b>		
2 g	8B-S051-KDG	12 mL (20/box)
2 g	8B-S051-KEG	20 mL (20/box)
5 g	8B-S051-LEG	20 mL (20/box)
5 g	8B-S051-LFF	60 mL (16/box)
10 g	8B-S051-MFF	60 mL (16/box)
<b>96-Well Plate</b>		
30 mg	8E-S051-TGB	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® 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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**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.

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