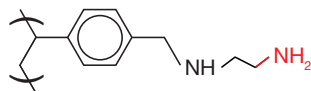


## Strata™-X-AW General Method for the Extraction of Weak Acids

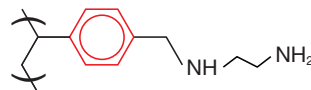
Strata-X-AW is a novel polymeric weak anion exchange sorbent that couples a hydrophobic backbone with a di-amino ligand which contains both primary and secondary amines.

This sorbent retains analytes by several different mechanisms:

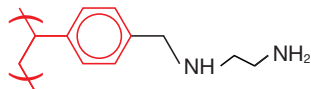
### Weak Anion Exchange



### π-π Bonding



### Hydrophobic Interaction

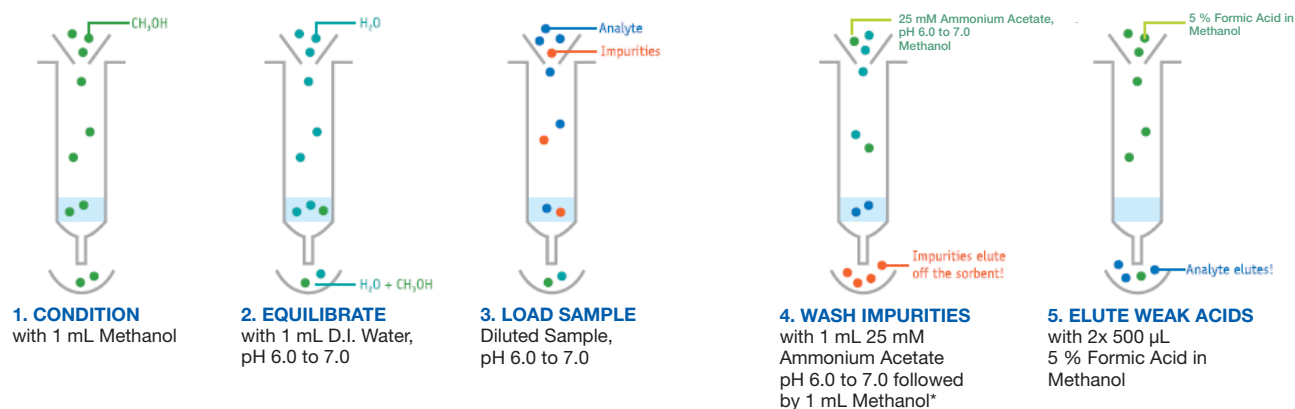


The retention mechanism of Strata-X-AW is effective for the extraction of both strong and weak acids. Strong acids can be eluted by neutralizing the sorbent while weak acids are eluted by neutralizing the acidic analytes.

### Strata-X-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-X-AW General Method for the Extraction of Any Acid" (Technical Note TN-0024) 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-0025**

# GENERAL METHODS

**Australia**

t: 02-9428-6444  
f: 02-9428-6445  
auinfo@phenomenex.com

**Austria**

t: 01-319-1301  
f: 01-319-1300  
anfrage@phenomenex.com

**Belgium**

t: +31 (0)30-2418700  
f: +31 (0)30-2383749  
beinfo@phenomenex.com

**Canada**

t: (800) 543-3681  
f: (310) 328-7768  
info@phenomenex.com

**Denmark**

t: 4824 8048  
f: 4810 6265  
nordicinfo@phenomenex.com

**Finland**

t: (09)4789 0063  
f: +45 4810 6265  
nordicinfo@phenomenex.com

**France**

t: 01 30 09 21 10  
f: 01 30 09 21 11  
franceinfo@phenomenex.com

**Germany**

t: 06021-58830-0  
f: 06021-58830-11  
anfrage@phenomenex.com

**Ireland**

t: 01 247 5405  
f: +44 1625-501796  
eireinfo@phenomenex.com

**Italy**

t: 051 6327511  
f: 051 6327555  
italiainfo@phenomenex.com

**Luxembourg**

t: +31 (0)30-2418700  
f: +31 (0)30-2383749  
nlinfo@phenomenex.com

**Mexico**

t: (55) 5018 3791  
f: (310) 328-7768  
tecnicomx@phenomenex.com

**The Netherlands**

t: 030-2418700  
f: 030-2383749  
nlinfo@phenomenex.com

**New Zealand**

t: 09-4780951  
f: 09-4780952  
nzinfo@phenomenex.com

**Norway**

t: 81 00 20 05  
f: +45 4810 6265  
nordicinfo@phenomenex.com

**Puerto Rico**

t: (800) 541-HPLC  
f: (310) 328-7768  
info@phenomenex.com

**United Kingdom**

t: 01625-501367  
f: 01625-501796  
ukinfo@phenomenex.com

**All other countries: Corporate Office USA** 

t: (310) 212-0555  
f: (310) 328-7768  
info@phenomenex.com

**www.phenomenex.com**

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

**Strata™ -X-AW Ordering Information**

Sorbent Mass	Part No.	Unit
<b>Tube</b>		
30 mg	8B-S038-TAK	1 mL (100/box)
30 mg	8B-S038-TBJ	3 mL (50/box)
60 mg	8B-S038-UBJ	3 mL (50/box)
100 mg	8B-S038-EBJ	3 mL (50/box)
100 mg	8B-S038-ECH	6 mL (30/box)
200 mg	8B-S038-FBJ	3 mL (50/box)
200 mg	8B-S038-FCH	6 mL (30/box)
500 mg	8B-S038-HBJ	3 mL (50/box)
500 mg	8B-S038-HCH	6 mL (30/box)
<b>Giga™ Tube</b>		
500 mg	8B-S038-HDG	12 mL (20/box)
1 g	8B-S038-JDG	12 mL (20/box)
1 g	8B-S038-JEG	20 mL (20/box)
2 g	8B-S038-KEG	20 mL (20/box)
<b>96-Well Plate</b>		
10 mg	8E-S038-AGB	2 Plates/box
30 mg	8E-S038-TGB	2 Plates/box
60 mg	8E-S038-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® 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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