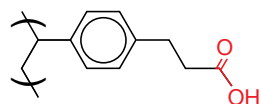


Strata™-XL-CW General Method for the Extraction of Any Base

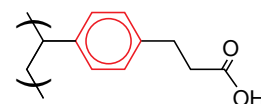
Strata-XL-CW is a novel polymeric, large particle, weak cation exchange sorbent that couples a hydrophobic backbone with a carboxylic acid functional group.

This sorbent retains analytes by several different mechanisms:

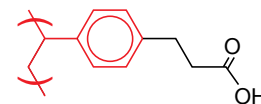
Weak Cation Exchange



π - π Bonding

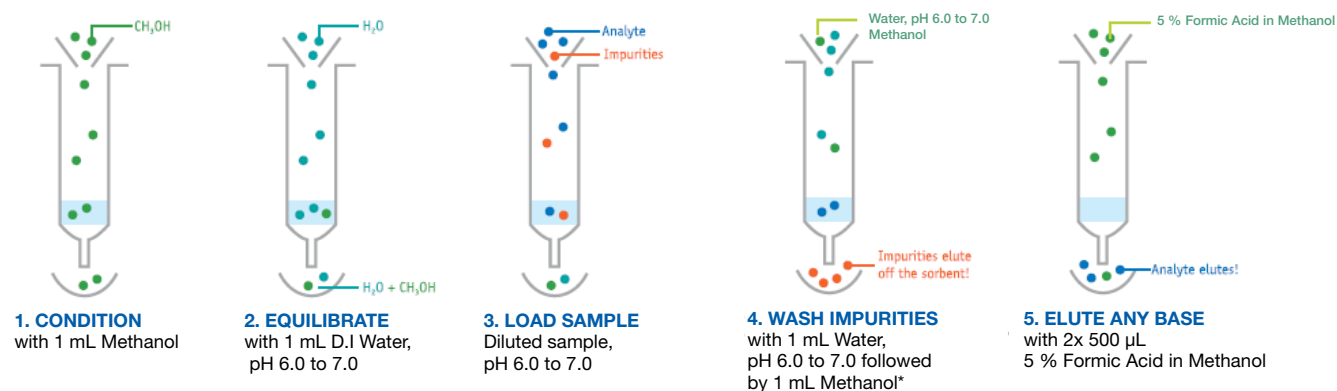


Hydrophobic Interaction



Strata-XL-CW Method for All Basic Compounds (1°, 2°, 3°, and 4° amines)

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



*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 acids.

The below method is suitable for strong bases such as organic quaternary (4°) amines and pyridinium compounds. Weak bases such as primary (1°), secondary (2°), and tertiary (3°) amines will also be retained when loaded within the pH range of 6.0 to 7.0

Strata-XL-CW is an excellent choice for the extraction of basic compounds followed by direct injection into LC/MS due to the ability of the analyte to be eluted with volatile weak organic acid solutions.

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

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-XL-CW Ordering Information

Sorbent Mass	Part No.	Unit
Tube		
30 mg	8B-S052-TAK	1 mL (100/box)
60 mg	8B-S052-UBJ	3 mL (50/box)
100 mg	8B-S052-EBJ	3 mL (50/box)
100 mg	8B-S052-ECH	6 mL (30/box)
200 mg	8B-S052-FBJ	3 mL (50/box)
200 mg	8B-S052-FCH	6 mL (30/box)
500 mg	8B-S052-HBJ	3 mL (50/box)
500 mg	8B-S052-HCH	6 mL (30/box)
Giga™ Tube		
2 g	8B-S052-KDG	12 mL (20/box)
2 g	8B-S052-KEG	20 mL (20/box)
5 g	8B-S052-LEG	20 mL (20/box)
5 g	8B-S052-LFF	60 mL (16/box)
10 g	8B-S052-MFF	60 mL (16/box)
96-Well Plate		
30 mg	8E-S052-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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