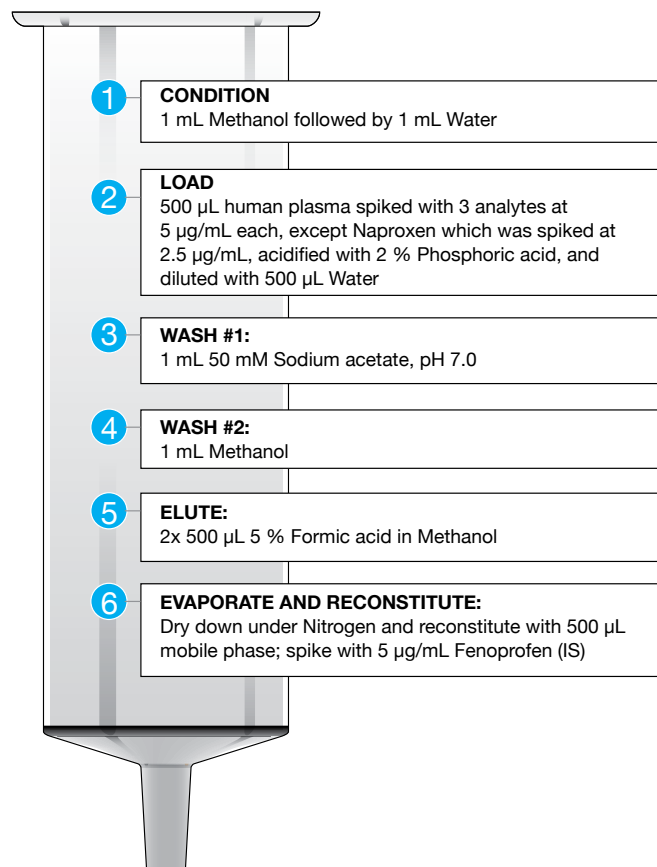


Acidic Drugs from Plasma using Strata™-X-A

Strata-X-A Polymeric Strong Anion Exchange SPE sorbent contains a di-methylbutyl quaternary amino group which strongly retains drugs that contain weak acidic groups. The strong retention between sorbent and analyte allows for a 100 % organic wash that can effectively remove matrix interferences, resulting in high recoveries and clean eluents.

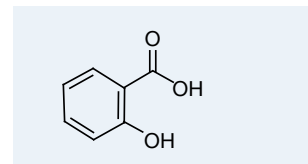
Strata® Method*

Strata-X-A 30 mg/1 mL

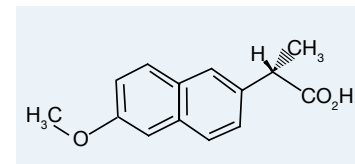


* This method is designed as a convenient starting point for further investigation. This method can be tailored to meet your extraction goals.

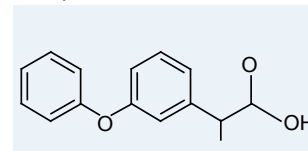
Salicylic Acid



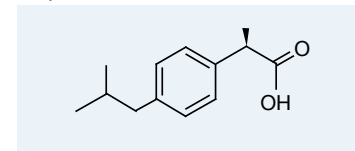
Naproxen



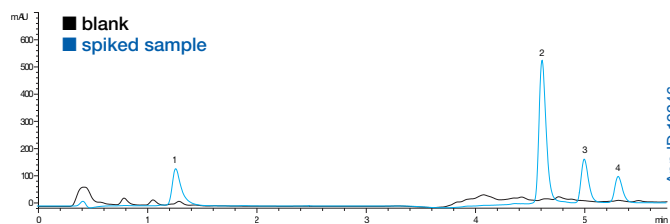
Fenoprofen



Ibuprofen



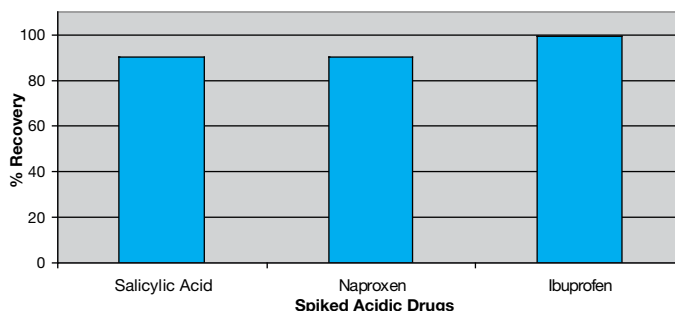
HPLC Chromatograms of Plasma Extracts



HPLC Analysis Conditions:
Column: Kinetex™ 2.6 µm C18
Dimensions: 50 x 2.1 mm
Part No.: 00B-4462-AN
Mobile Phase: A: 20 mM Potassium phosphate, pH 7.0
 B: Methanol
Gradient: A:B (90:10) hold 1 min to (30:70) in 0.01 min, hold for 4.49 min
Flow Rate: 0.4 mL/min
Temperature: 25 °C
Detection: UV @ 230 nm
Sample: 25 µL of reconstituted plasma extract
 1. Salicylic Acid
 2. Naproxen
 3. Fenoprofen
 4. Ibuprofen

Results

Analyte	Concentration (µg/mL)	% Recovery	% CV
Salicylic Acid	5.0	90	2.3
Naproxen	2.5	90	0.66
Fenoprofen	5.0	IS	IS
Ibuprofen	5.0	99	5.6



TN-0036

APPLICATIONS

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

Strata™ -X-A Ordering Information

Sorbent Mass	Part No.	Unit
Tube		
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)
100 mg	8B-S123-EBJ	3 mL (50/box)
100 mg	8B-S123-ECH	6 mL (30/box)
200 mg	8B-S123-FBJ	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)
Giga™ Tube		
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)
96-Well Plate		
10 mg	8E-S123-AGB	2 Plates/Box
30 mg	8E-S123-TGB	2 Plates/Box
60 mg	8E-S123-UGB	2 Plates/Box



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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