

# TN-0040

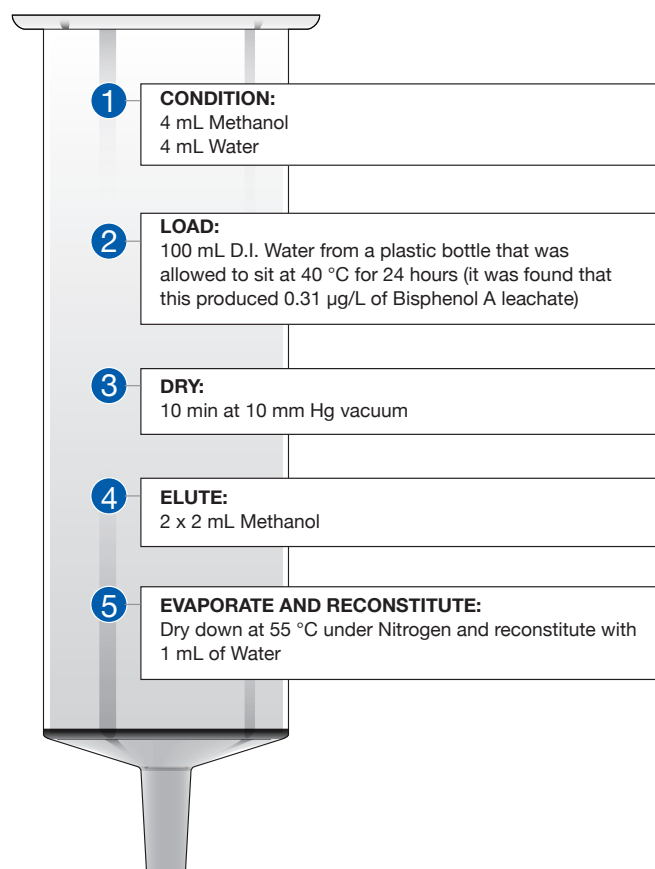
# APPLICATIONS

## Bisphenol A from Water using Strata<sup>™</sup>-X

Strata-X Polymeric Reversed Phase SPE sorbent contains a modified pyrrolidone ligand that offers multiple modes of retention including hydrophobic and pi-pi interactions as well as hydrogen bonding. The multiple modes of retention create a strong interaction between bisphenol A and the Strata-X sorbent, resulting in high recoveries and clean eluents.

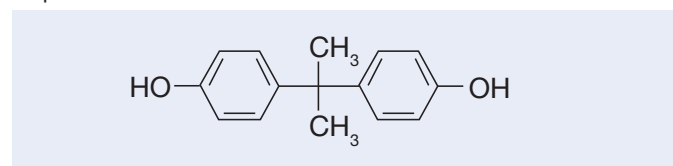
### Strata-X Method\*

Strata-X 200 mg/6 mL

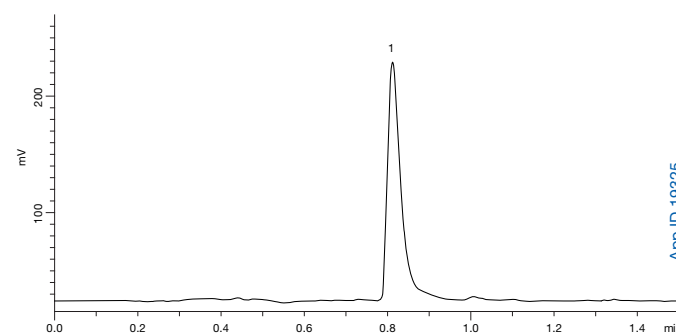


\* This method is designed as a convenient starting point for further investigation and can be tailored to meet your extraction goals.

### Bisphenol A



### HPLC Chromatograms of Water Extracts



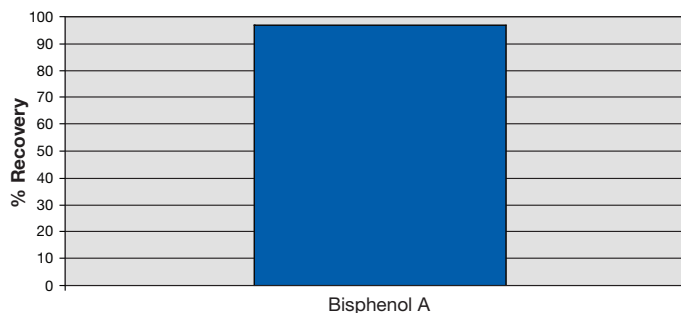
App ID 19325

### Analysis Conditions:

**Column:** Kinetex<sup>®</sup> 2.6 µm C18  
**Dimensions:** 50 x 4.6 mm  
**Part No.:** 00B-4462-E0  
**Mobile Phase:** Acetonitrile / Water (65:35)  
**Flow Rate:** 1.5 mL/min  
**Temperature:** Ambient  
**Detection:** Fluorescence @ 230 nm, Emission 302 nm  
**Sample:** 1. Bisphenol A

### Results

Analyte	Concentration (µg/mL)	% Recovery
Bisphenol A	5.0	97.1



# TN-0040 APPLICATIONS

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## 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 Ordering Information

Sorbent Mass	Part No.	Unit
<b>Tube</b>		
10 mg	8B-S100-AAK	1 mL (100/Box)
30 mg	8B-S100-TAK	1 mL (100/Box)
30 mg	8B-S100-TBJ	3 mL (50/Box)
60 mg	8B-S100-UAK	1 mL (100/Box)
60 mg	8B-S100-UBJ	3 mL (50/Box)
100 mg	8B-S100-EBJ	3 mL (50/Box)
100 mg	8B-S100-ECH	6 mL (30/Box)
200 mg	8B-S100-FBJ	3 mL (50/Box)
200 mg	8B-S100-FCH	6 mL (30/Box)
500 mg	8B-S100-HBJ	3 mL (50/Box)
500 mg	8B-S100-HCH	6 mL (30/Box)
<b>Giga™ Tube</b>		
200 mg	8B-S100-FDG	12 mL (20/Box)
500 mg	8B-S100-HDG	12 mL (20/Box)
1 g	8B-S100-JDG	12 mL (20/Box)
1 g	8B-S100-JEG	20 mL (20/Box)
2 g	8B-S100-KEG	20 mL (20/Box)
5 g	8B-S100-LFF	60 mL (16/Box)
10 g	8B-S100-MFF	60 mL (16/Box)
20 g	8B-S100-VFF	60 mL (16/Box)
50 g	8B-S100-YSN	150 mL (8/Box)
<b>96-Well Plate</b>		
10 mg	8E-S100-AGB	2 Plates/Box
30 mg	8E-S100-TGB	2 Plates/Box
60 mg	8E-S100-UGB	2 Plates/Box



If Strata-X 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.

### Terms and Conditions

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

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