avantor™ delivered by VWR™ | VWR.COM

50 Years of Innovation

CDS Analytical

CDS™ Empore™, formerly 3M™ Empore™, Solid-Phase Extraction products utilize the patented high density membrane technology to maximize extraction efficiency with minimal elution volumes and less matrix interferences. Offered in disk, cartridge, and 96-well plate formats, CDS™ Empore™ SPE products are perfect for environmental, food and agricultural, biopharmaceutical, clinical diagnostic, and proteomics applications. CDS™ Empore™ is committed to maintain the same formula and manufacturing process to continue to deliver high quality and cost-effective Empore™ products that have been delivered to customers for more than 30 years.

Empore™ SPE Brochure

- **Solid Phase Extraction** Disks,
  Cartridges,
  96-Well Plates,
  and EZ-Trace Workstation

Empore™ Extraction Disks

Sorbent	Suggested Application	EPA Method	Disk Size (mm)	VWR Cat. No.
C8 HD	moderately nonpolar	549.1	47 90	**76333-128** **76333-130**
C18 HD	highly nonpolar	506, 508..1, 525.2, 550.1, 608, 1613B	47 90	**76333-132** **76333-134**
SDB-XC	water soluble, moderately polar analytes	515.2, 525.3	47 90	**76333-136** **76333-138**
SDB-RPS	moderately nonpolar and cation exchange	--	47 90	**76333-140** **76333-142**
SDB-XD	non-ionic surfactants	--	47	**76333-162**
Cation-SR Exchange	metals, amines	--	47	**76333-148**
Anion-SR Exchange	chromium, arsenic, selenium, carboxylic acids, etc.	548.1, 552.1	47 90	**76333-144** **76333-146**
Oil & Grease	nonpolar, dirty samples	1664	47 90	**76333-102** **76333-104**
Chelating	divalent metals and other cations	--	47	**76333-154**
Activated Carbon	water soluble and volatile organic compounds	--	47 90	**76333-150** **76333-152**

47 mm disks are available as a pack of 20 or case of 60 disks.
90 mm disks are available as a pack of 10 or case of 30 disks.

HD = High Density
SD = Standard Density

Empore™ Extraction RAD Disks

RAD disks are available as 47 mm disks in a pack of 20 or case of 60 disks.

Sorbent		Suggested Application	VWR Cat. No.
Strontium	Sr-90	DOE method RP515	**76333-106**
Radium	Ra-228 Ra-226	903.1, 904.0, RA-195, RA-295, RA-395	**76333-108**
Technetium	Tc-99	TC-196	**76333-110**

Empore™ Extraction Disk Cartridges

1 mL cartridges available as a pack of 100 or case of 300.
3 mL cartridges available as a pack of 50 or case of 150.
6 mL cartridges available as a pack of 30 or case of 90.

Sorbent	Suggested Application	Size	VWR Cat. No.
C8-HD	Moderately nonpolar analytes	4 mm / 1 mL	**76333-116**
C18-SD	Strongly nonpolar analytes	4 mm / 1 mL	**76333-120**
C18-SD	Strongly nonpolar analytes	7 mm / 3 mL	**76333-122**
C18-SD	Strongly nonpolar analytes	10 mm / 6 mL	**76333-124**
SDB-XC	Moderately nonpolar analytes plus pi-pi interactions	10 mm / 6 mL	**76333-126**

Empore™ 96-Well Plates

96-Well plates are available by the plate or in a case of 12.

Sorbent	Suggested Application	Size (mL)	VWR Cat. No.
C8-SD	Moderately nonpolar analytes	1.2	**76333-250**
C18-SD	Strongly nonpolar analytes	1.2	**76333-248**
MPC-SD	Moderately nonpolar and ionized analytes	1.2	**76333-252**
Filter Plate	Removal of visible particulates	1.2 2.5	**76333-156** **76333-158**

HD = High Density
SD = Standard Density

Empore™ Accessories and EZ-Trace Workstation

Description	Suggested Application	Quantity	VWR Cat. No.
Filter Aid	Empore extraction disks	1.5 kg / bottle	**76333-114**
Sealing Tape Pad	sealing tape pad for 96-well plates	10 / 60	**76333-160**
EZ-Trace	Universal compatibility woth Empore 47/90mm SPE disks and cartridges, other vendor's disks, and traditional SPE cartridges	1	**76449-580**

0421 Lit. No. 030205W