

InertSep™ CN (Cyano-Propyl Substituted Silica Gel)

InertSep CN is a silica gel based solid phase with a cyano-propyl functional group. Combining both polar and non-polar interaction, the CN phase offers higher selectivity and better elution for hydrophobic compounds compared to either C8 or C18. In addition, it is effective for the extraction of polar compounds that SI or 2OH phase has difficulties to elute.



Application

- Cyclosporin
- Polar compounds

Standard Cartridge

Item Name	Column Size	Quantity	Cat. No.
InertSep CN	50 mg/1 mL	100 pieces	5010-61300
	100 mg/1 mL	100 pieces	5010-61301
	200 mg/3 mL	50 pieces	5010-61302
	500 mg/3 mL	50 pieces	5010-61303
	500 mg/6 mL	30 pieces	5010-61304
	1 g/6 mL	30 pieces	5010-61305
	2 g/12 mL	20 pieces	5010-61306

Standard Cartridge (High Volume Cartridge)

Item Name	Column Size	Quantity	Cat. No.
InertSep CN	5 g/20 mL	20 pieces	5010-61307
	10 g/60 mL	16 pieces	5010-61308

Large Cartridge LSC

Item Name	Column Size	Quantity	Cat. No.
InertSep LSC CN	100 mg	50 pieces	5010-63301
	200 mg	50 pieces	5010-63302
	500 mg	50 pieces	5010-63303

Luer Device

Item Name	Column Size	Quantity	Cat. No.
InertSep SlimJ CN	500 mg	50 pieces	5010-65300
	1000 mg	50 pieces	5010-65301

96-Well Plate

Item Name	Column Size	Quantity	Cat. No.
InertSep 96WP CN	50 mg	1 piece	5010-66300
	100 mg	1 piece	5010-66301

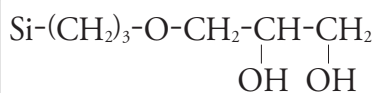
Bulk Material For Solid Phase Extraction

Item Name	Mean Particle Diameter	Weight	Cat. No.
InertSep CN	45 μm	100 g	5010-69009

Polar Silica

InertSep™ 20H (Glyceryl-Propyl Substituted Silica Gel)

InertSep 20H is a silica gel based solid phase with a diol (glyceryl-propyl) functional group. Combining both polar and non-polar interaction, it is suitable for the extraction of polar compounds in polar solvents. Making use of hydrogen bond interaction, InertSep 20H Change retained polar compound to the polarity of the elution solvent. InertSep 20H is used in high-level cleanup methods including fractionation.



Application

- Prostaglandin
- Antibiotics
- Polar compounds etc.

Standard Cartridge

Item Name	Column Size	Quantity	Cat. No.
InertSep 20H	50 mg/1 mL	100 pieces	5010-61320
	100 mg/1 mL	100 pieces	5010-61321
	200 mg/3 mL	50 pieces	5010-61322
	500 mg/3 mL	50 pieces	5010-61323
	500 mg/6 mL	30 pieces	5010-61324
	1 g/6 mL	30 pieces	5010-61325
	2 g/12 mL	20 pieces	5010-61326

Standard Cartridge (High Volume Cartridge)

Item Name	Column Size	Quantity	Cat. No.
InertSep 20H	5 g/20 mL	20 pieces	5010-61327
	10 g/60 mL	16 pieces	5010-61328
	20 g/60 mL	16 pieces	5010-61329
	25 g/150 mL	8 pieces	5010-61330
	50 g/150 mL	8 pieces	5010-61331
	70 g/150 mL	8 pieces	5010-61332

Large Cartridge LSC

Item Name	Column Size	Quantity	Cat. No.
InertSep LSC 20H	100 mg	50 pieces	5010-63321
	200 mg	50 pieces	5010-63322
	500 mg	50 pieces	5010-63323

Luer Device

Item Name	Column Size	Quantity	Cat. No.
InertSep SlimJ 20H	500 mg	50 pieces	5010-65320
	1000 mg	50 pieces	5010-65321
InertSep Slim 20H	360 mg	50 pieces	5010-65325

96-Well Plate

Item Name	Column Size	Quantity	Cat. No.
InertSep 96WP 20H	50 mg	1 piece	5010-66310
	100 mg	1 piece	5010-66311

Bulk Material For Solid Phase Extraction

Item Name	Mean Particle Diameter	Weight	Cat. No.
InertSep 20H	60 μm	100 g	5010-69010

InertSep™ SI (Silica Gel)

InertSep SI is a silica base, which has strong polar interaction. It offers selective separation for similar chemical compounds using polar solvents. InertSep SI has the highest affinity for polar compounds. Care should be taken with humidity and polar solvents, when using this material.

Si-OH

Application

- Polar purification in normal phase mode
- Agrochemicals

Standard Cartridge

Item Name	Column Size	Quantity	Cat.No.
InertSep SI	50 mg/1 mL	100 pieces	5010-61340
	100 mg/1 mL	100 pieces	5010-61341
	200 mg/3 mL	50 pieces	5010-61342
	500 mg/3 mL	50 pieces	5010-61343
	500 mg/6 mL	30 pieces	5010-61344
	1 g/6 mL	30 pieces	5010-61345
	2 g/12 mL	20 pieces	5010-61346

Standard Cartridge (High Volume Cartridge)

Item Name	Column Size	Quantity	Cat.No.
InertSep SI	5 g/20 mL	20 pieces	5010-61347
	10 g/60 mL	16 pieces	5010-61348
	20 g/60 mL	16 pieces	5010-61349
	25 g/150 mL	8 pieces	5010-61350
	50 g/150 mL	8 pieces	5010-61351
	70 g/150 mL	8 pieces	5010-61352

Large Cartridge LSC

Item Name	Column Size	Quantity	Cat.No.
InertSep LSC SI	100 mg	50 pieces	5010-63341
	200 mg	50 pieces	5010-63342
	500 mg	50 pieces	5010-63343

Luer Device

Item Name	Column Size	Quantity	Cat.No.
InertSep SlimJ SI	500 mg	50 pieces	5010-65340
	1000 mg	50 pieces	5010-65341
InertSep Slim SI	690 mg	50 pieces	5010-65345

96-Well Plate

Item Name	Column Size	Quantity	Cat.No.
InertSep 96WP SI	50 mg	1 piece	5010-66320
	100 mg	1 piece	5010-66321

Bulk Material For Solid Phase Extraction

Item Name	Mean Particle Diameter	Weight	Cat.No.
InertSep SI	60 μ m	100 g	5010-69011

Polar Silica

InertSep™ SI FF (Silica Gel)

InertSep SI FF is a high flow version of InertSep SI and is suitable for cut off processing of samples with high viscosity.

Si-OH

Standard Cartridge

Item Name	Column Size	Quantity	Cat. No.
InertSep SI FF	50 mg/1 mL	100 pieces	5010-62340
	100 mg/1 mL	100 pieces	5010-62341
	200 mg/3 mL	50 pieces	5010-62342
	500 mg/3 mL	50 pieces	5010-62343
	500 mg/6 mL	30 pieces	5010-62344
	1 g/6 mL	30 pieces	5010-62345
	2 g/12 mL	20 pieces	5010-62346

Standard Cartridge (High Volume Cartridge)

Item Name	Column Size	Quantity	Cat. No.
InertSep SI FF	5 g/20 mL	20 pieces	5010-62347
	10 g/60 mL	16 pieces	5010-62348
	20 g/60 mL	16 pieces	5010-62349
	25 g/150 mL	8 pieces	5010-62350
	50 g/150 mL	8 pieces	5010-62351
	70 g/150 mL	8 pieces	5010-62352

Large Cartridge LSC

Item Name	Column Size	Quantity	Cat. No.
InertSep LSC SI FF	100 mg	50 pieces	5010-64341
	200 mg	50 pieces	5010-64342
	500 mg	50 pieces	5010-64343

Bulk Material For Solid Phase Extraction

Item Name	Mean Particle Diameter	Weight	Cat. No.
InertSep SI FF	120 μ m	100 g	5010-69030