

InertSustain®

(Evolutionally Surfaced Silica)

InertSustain Series

Truly Sustainable
Reliable Reproducibility
Performance and Quality

GL Sciences developed new Silica gel “Evolved Surface Silica” for InertSustain Series which provides both high inertness and high durability. Inert-and-sustainable InertSustain Series HPLC columns are the latest models of GL Sciences and are recommended as the first choice for various purpose.

Column	Silica	Particle size	Surface Area	Pore size	Pore Volume	End Capping	Carbon load	pH Range	USP
Inertsustain® C8	Newly Developed ES Silica Gel	2um, 3um, 5um	350 m ² /g	100 Å (10nm)	0.85mL/g	Yes	8%	1~10	L7
Inertsustain® C18	Newly Developed ES Silica Gel	2um, 3um, 5um	350 m ² /g	100 Å (10 nm)	0.85 mL/g	Yes	14%	1~10	L1
Inertsustain® Swift C8	Newly Developed ES Silica Gel	1.9um, 3um, 5um	200 m ² /g	100 Å (10 nm)	1.00 mL/g	Yes	6.0%	1~10	L7
Inertsustain Swift C18	Newly Developed ES Silica Gel	1.9um,3um,5um	200 m ² /g	200Å (20nm)	1.00 mL/g	Yes	9%	1~10	L1
Inertsustain® Phenyl	Newly Developed ES Silica Gel	2um, 3um, 5um	350 m ² /g	100 Å (10 nm)	0.85 mL/g	None	10%	2~7.5	L11
Inertsustain® PhenylHexyl	Newly Developed ES Silica Gel	3um, 5um	350 m ² /g	100 Å (10nm)	0.85mL/g	Yes	9%	1~10	L11
Inertsustain® NH ₂	Newly Developed ES Silica Gel	3um, 5um	350 m ² /g	100 Å (10nm)	0.85 mL/g	None	7%	2~7.5	L8
Inertsustain® AQ -C18	Newly Developed ES Silica Gel	3um, 5um	350 m ² /g	100 Å (10nm)	0.85 mL/g	Yes	13%	1~10	L1
Inertsustain® CN	Newly Developed ES Silica Gel	3um, 5um	350 m ² /g	100 Å (10nm)	0.85 mL/g	Yes	8%	2~7.5	L10
Inertsustain® Amide	Newly Developed ES Silica Gel	3um, 5um	350 m ² /g	100 Å (10nm)	0.85 mL/g	No	15%	2~8.5	L1
Inertsustain PFP	Newly Developed ES Silica Gel	3um, 5um	350 m ² /g	100 Å (10nm)	0.85 mL/g	Yes	10%	2~7.5	L43



Superior peak shape with highly reproducible chromatograms can be obtained even for those strong basic compounds.