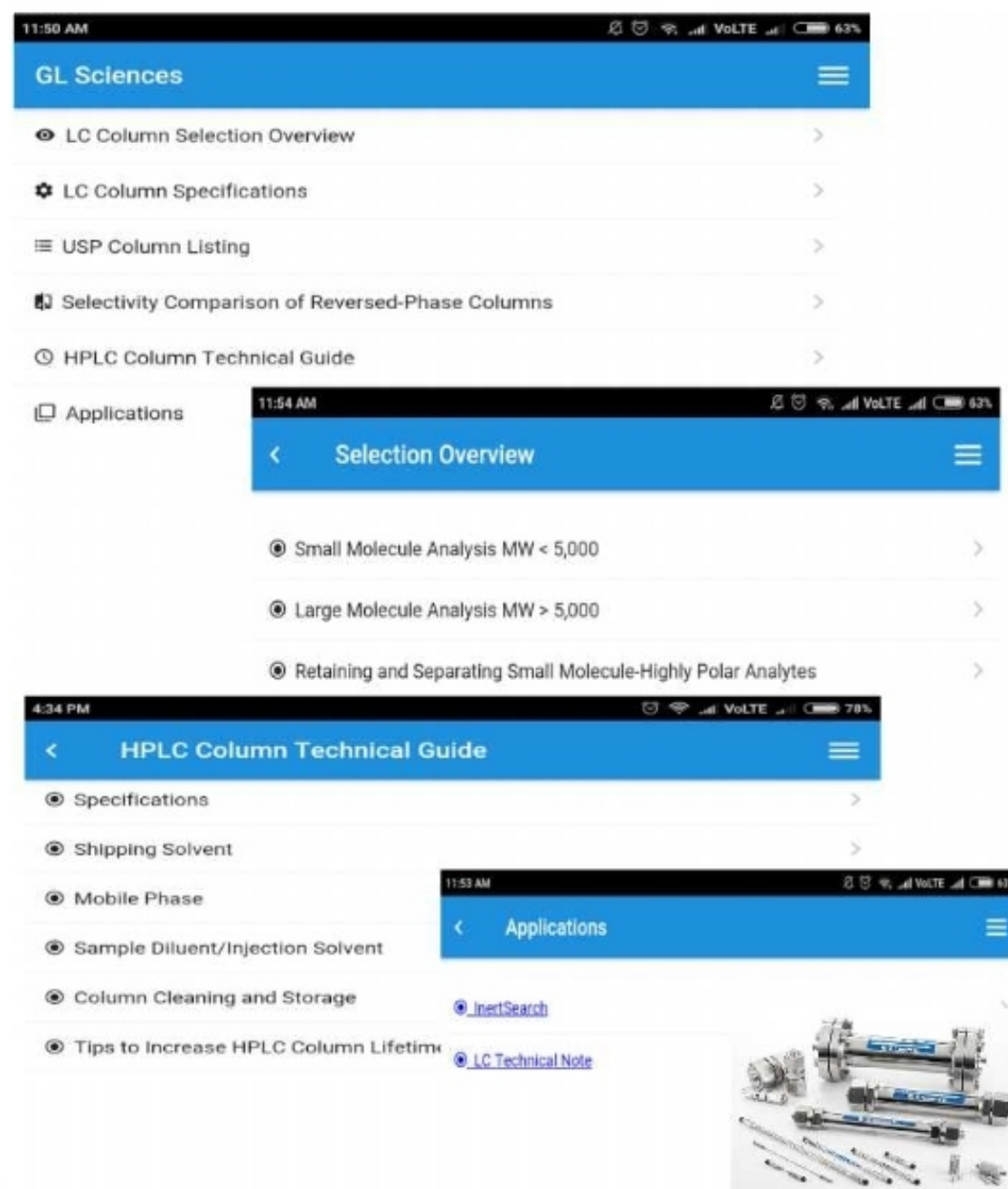


GL Sciences LC Columns 'Mobile App'



Everything about .. LC columns.. On Finger Tips

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USP	Packing Purity	Carbon Load	End Capped	Particle Size	Surface Area	Pore Volume	Pore Size	Silica Purity	pH Range	Temp Limit	Features	Typical Applications
L1/L96	InertSustain [®] AQ-C 18	13%	Yes	1.9mm,3mm, 5mm	350m ² /g	0.85mL/g	100Å	99.999%	1 to 10	60°C	Exceptional retention for highly polar compounds(Hydrophilic). Compatible with 100% aqueous eluents, Universal Column	Pharmaceuticals,Food, Environment, Bio Analytical applications, Drug Discovery
L1	InertSustain [®] C18	14.00%	Yes	2mm,3mm,5mm	350m ² /g	0.85mL/g	100Å	99.999%	1 to 10	60°C	Balance Retention of Polar & Non Polar Compunds	Pharmaceuticals, Food, Environment, Bio Analytical applications Drug Discovery etc.
L1	InertSustain [®] SWIFT C18	9.00%	Yes	1.9mm,3mm,5mm	200m ² /g	1.00mL/g	200Å	99.999%	1 to 10	60°C	Balance Retention of Polar & Non Polar Compunds Compatible with 100% aqueous eluents, Faster elution. Closest equivalentto Hypersil BDS C18	Assay Dissolution Pharmaceuticals, Food, Environment, Bio Analytical applications Drug Discovery etc., LC/MS,
L1	Inertsil [®] ODS-HL	23.00%	Yes	3mm, 5mm	450m ² /g	1.05mL/g	100Å	99.999%	2 to 7.5	60°C	High carbon load, Highest retentivity for hydrophobic compounds	Positional isomers, Pharmaceuticals, Food, Environment, Bio Analytical applications Drug Discovery etc
L7	InertSustain [®] C8	8%	Yes	2mm,3mm, 5mm	350m ² /g	0.85mL/g	100Å	99.999%	1 to 10	60°C	Balance Retention of Polar & Non Polar Compounds, Universal Column	Pharmaceuticals, Food, Environment, Bio Analytical applications Drug Discovery etc., LC/MS, Preparative Macrolide antibiotics
L7	InertSustain SWIFT C8	6%	Yes	1.9mm,3mm, 5mm	200m ² /g	1.00mL/g	200Å	99.999%	1 to 10	60°C	Balance Retention of Polar & Non Polar Compunds, Compatible with 100% aqueous eluents, Faster elution. Closest equivalent to Hypersil BDS C8	Assay Dissolution Pharmaceuticals, Food, Environment, Bio Analytical applications Drug Discovery etc., LC/MS,
L11	InertSustain [®] Phenylhexyl	9%	Yes	3mm, 5mm	350m ² /g	0.85mL/g	100Å	99.999%	1 to 10	60°C	Endcapped Phenyl, Best for mid polar & non polar compounds	Pharmaceuticals,Food, Environment, Bio Analytical applications, Drug Discovery
L11	InertSustain [®] Phenyl	10%	None	2mm,3mm, 5mm	350m ² /g	0.85mL/g	100Å	99.999%	2 to 7.5	60°C	Nonendcapped Phenyl, Best for polar & mid polar compounds	Positional isomers, Pharmaceuticals, Food, Environment, Bio Analytical applications Drug Discovery
L8	InertSustain [®] NH2	7%	None	3mm, 5mm	350m ² /g	0.85mL/g	100Å	99.999%	2 to 7.5	60°C	· Can be used in Reverse Phase & Normal Phase Eluents · Best Suited for Polar & Non Polar compounds	Pharmaceuticals, Food, Environment, Drug Discovery, Amino acids,Sugars, carbohydrates
L10	InertSustain Cyano	8.00%	Yes	3mm, 5mm	350m ² /g	0.80mL/g	100Å	99.999%	2 to 7.5	60°C	Endcapped & most rugged cyano phase.	Retention of Polar & Non Polar Compounds
N/A	InertSustain Amide	15.00%	None	3mm, 5mm	350m ² /g	0.85mL/g	100Å	99.999%	2 to 8.5	60°C	HILIC mode	Suitable for Hydrophilic / polar compounds
N/A	Inertsil [®] Amide	18%	None	3mm, 5mm	450m ² /g	1.05mL/g	100Å	99.999%	2 to 7.5	60°C	HILIC mode	Suitable for Hydrophilic / polar compounds
L1	Inertsil [®] ODS-4	11.00%	Yes	2mm,3mm,5mm	450m ² /g	1.05mL/g	100Å	99.999%	2 to 7.5	60°C	· Higher organic solvent- Lowest column back pressure · Improved sensitivity in LC/MS analysis · Extreme durability to acidic mobile phase conditions High stability to 100% aqueous mobile phase conditions	Drug Discovery, Combinational Chemistry, LC/MS etc. Pharmaceuticals, Food, Environment, Bio Analytical applications
L1	Inertsil [®] ODS Sprint	8.5%	Yes	3mm, 5mm	450m ² /g	1.05mL/g	100Å	99.999%	2 to 7.5	60°C	· Balance Retention of Polar & Non Polar Compunds · Compatible with 100% aqueous eluents · Recommended for LC/MS Separation	Pharmaceuticals, Food, Environment, Clinical applications Sulfa Drugs etc.
L1	Inertsil [®] Sulfa C18	15.00%	Yes	3mm, 5mm	450m ² /g	1.05mL/g	100Å	99.999%	2 to 7.5	60°C	· High Inertness to Acidic & Basic compounds · Best for Sulfur based compounds	Pharmaceuticals, Food, Environment, Clinical applications Sulfa Drugs etc.
	Inertsil [®] HILIC	20.00%	No	3mm, 5mm	450m ² /g	1.05mL/g	100Å	99.999%	2 to 7.5	60°C	· Excellent Peak shape for even Highly Acidic Compound · AlkylAlcohol Bonded Phase · Precision in determination polar compound in combination with non polar compounds	Suitable for Hydrophilic / polar compounds
L7	Inertsil [®] C8-4	5.00%	Yes	2mm,3mm, 5mm	450m ² /g	1.05mL/g	100Å	99.999%	2 to 7.5	60°C	Best suit for Acidic, Basic & Neutral compounds	Pharmaceuticals, Food, Environment, Bio Analytical applications,Drug Discovery
Inertsil [®] 3 Series (Also available in High pressure Hardware for UPLC - HP Series) *Inertsil Columns for Fast LC												
* L1	Inertsil [®] ODS-3	15.00%	Yes	2mm, 3mm, 5mm 4mm, 10mm	450m ² /g	1.05mL/g	100Å	99.999%	2 to 7.5	60°C	Best suit for Acidic, Basic & Neutral compounds	Pharmaceuticals, Food, Environment, Bio Analytical applications,Drug Discovery
L1	Inertsil [®] ODS-3V	15.00%	Yes	3mm,5mm	450m ² /g	1.05mL/g	100Å	99.999%	2 to 7.5	60°C	Best suit for Acidic, Basic & Neutral compounds	Pharmaceuticals, Food, Environment, Bio Analytical applications, Drug Discovery
L1	Inertsil [®] ODS-EP	9.00%	Non	5mm	450m ² /g	1.05mL/g	100Å	99.999%	2 to 7.5	60°C	Embedded Polar functional group Compatible with 100% aqueous eluents	Pharmaceuticals, Food Environment, Drug Discovery
L1	Inertsil [®] ODS-P	29.00%	Non	3mm,5mm	450m ² /g	1.05mL/g	100Å	99.999%	2 to 7.5	60°C	Highest carbon Load, Polymeric	Positional Isomers, Poly Aromatic Hydrocarbons, Highly Nonpolar compounds
* L7	Inertsil [®] C8-3	9.00%	Yes	2mm,3mm, 5mm, 10mm	450m ² /g	1.05mL/g	100Å	99.999%	2 to 7.5	60°C	Acidic, Basic & Natural compounds	
* L11	Inertsil [®] Ph-3	9.5%	Non	2mm,3mm, 5mm	450m ² /g	1.05mL/g	100Å	99.999%	2 to 7.5	60°C	Nonendcapped Phenyl, Best for polar & mid polar compounds	Pharmaceuticals,Food, Environment, Bio Analytical applications, Drug Discovery
L20	Inertsil [®] Diol	20.00%	Non	3mm,5mm	450m ² /g	1.05mL/g	100Å	99.999%	2 to 7.5	60°C	Can be used in Reverse Phase & Normal Phase Eluents Best Suited for Polar & Non Polar compounds	Pharmaceuticals, Food, Environment, Drug Discovery, Amino acids
L10	Inertsil [®] CN-3	14.00%	Non	3mm,5mm	450m ² /g	1.05mL/g	100Å	99.999%	2 to 7.5	60°C	Can be used in Reverse Phase & Normal Phase Eluents Best Suited for Polar & Non Polar compounds	Pharmaceuticals,Food, Environment, Bio Analytical applications, Drug Discovery
L8	Inertsil NH2	8.00%	Non	3mm,5mm	450m ² /g	1.05mL/g	100Å	99.999%	2 to 7.5	60°C	Can be used in Reverse Phase & Normal Phase Eluents Best Suited for Polar & Non Polar compounds	Pharmaceuticals, Food, Environment, Drug Discovery, Amino acids,Sugars, carbohydrates
L14	Inertsil [®] AX	17.00%	Non	5mm	450m ² /g	0.43 meqv/g	100Å	99.999%	2 to 7.5	60°C	Silica bases Anion Exchange column, AEC : 0.43 meqv/g	Nucleosides, Phosphates, Organic & Inorganic Ions
L9	Inertsil [®] CX	14.00%	Non	5mm	450m ² /g	0.033 meqv/g	100Å	99.999%	2 to 7.5	60 C	Silica bases Cation Exchange column, AEC : 0.033 meqv/g	Organic & Inorganic cations
L3	Inertsil [®] SIL-100A	NA	Non	3mm,5mm	450m ² /g	1.05mL/g	100Å	99.999%	2 to 7.5	60°C	Rugged silica, Long Life	Polar compounds
L1	Inertsil [®] ODS-2	18.50%	Yes	5mm	320m ² /g	1.15mL/g	150Å	99.999%	2 to 7.5	60°C	Best suit for Acidic, Basic & Neutral compounds	Pharmaceuticals,Food, Environment, Bio Analytical applications, Drug Discovery
L7	Inertsil [®] C8	10.50%	Yes	5mm	320m ² /g	1.15mL/g	150Å	99.999%	2 to 7.5	60°C	Best suit for Acidic, Basic & Neutral compounds	Pharmaceuticals,Food, Environment, Bio Analytical applications, Drug Discovery
L26	Inertsil [®] C4	7.5%	Yes	5mm	320m ² /g	1.15mL/g	150Å	99.999%	2 to 7.5	60°C	Best suit for Acidic, Basic & Neutral compounds	Pharmaceuticals,Food, Environment, Bio Analytical applications, Drug Discovery, Peptides
L11	Inertsil [®] Ph	10.00%	Yes	5mm	320m ² /g	1.15mL/g	150Å	99.999%	2 to 7.5	60°C	End capped Phenyl, Best for polar & mid polar compounds	Pharmaceuticals,Food, Environment, Bio Analytical applications, Drug Discovery
L3	Inertsil [®] SIL-150A	NA	Non	5mm	320m ² /g	1.15mL/g	150Å	99.999%	2 to 7.5	60°C	Rugged silica, Long life, different pore size	Polar compounds
Inertsil [®] WP300 Series												
L1	Inertsil [®] WP300 C18	9.00%	Yes	3mm, 3.5mm, 5mm	150m ² /g	1.05mL/g	300Å	99.999%	2 to 7.5	60°C	Wide Pore, Non Polar peptides	Low Mol wt.Proteins & peptides
L7	Inertsil [®] WP300 C8	4.00%	Yes	5mm	150m ² /g	1.05mL/g	300Å	99.999%	2 to 7.5	60°C	Wide Pore, Mid Polar peptides	Low Mol wt.Proteins & peptides
L26	Inertsil [®] WP300 C4	3.00%	Non	5mm	150m ² /g	1.05mL/g	300Å	99.999%	2 to 7.5	60°C	Wide Pore, Mid Polar peptides	Low Mol wt.Proteins & peptides
L20	Inertsil [®] WP300 Diol	9.00%	Non	5mm	150m ² /g	1.05mL/g	300Å	99.999%	2 to 7.5	60°C	Wide Pore, Mid Polar , Polar peptides	Low Mol wt.Proteins & peptides
L3	Inertsil [®] WP300 SIL	0%	Non	5mm	150m ² /g	1.05mL/g	300Å	99.999%	2 to 7.5	60°C	Wide Pore, Polar peptides	Low Mol wt.Proteins & peptides
Inertsil [®] Others												
L43	InertSustain [®] PFP	10%	Yes	3mm, 5mm	350m ² /g	0.80mL/g	100Å	99.999%	2 to 7.5	60°C	Positional Isomers , Retention for highly polar compounds.High reproducibility	Pharmaceuticals,Food, Environment, Drug Discovery.