

VertiSep™ OA

VertiSep™ OA HPLC Columns

- Polymeric based column
- pH stability 0-14
- Excellent efficiency and resolution
- Reproducibility lot-to-lot and column-to-column



VertiSep™ OA columns contain 8% cross-linked spherical Polystyrene Divinylbenzene (PS-DVB) polymer with hydrogen ionic form. Available in 8 µm particle size.

VertiSep™ OA columns are useful for analysis of a wide range of organic acids (such as acetate, formate, oxalate and etc.) alone and in combination with carbohydrates, alcohols, fatty acids, and neutral compounds by ion exclusion. Water or dilute acids can be used as mobile phase. Acids are eluted usually in order of acid strength or in order of increasing pKa values. Retention times of the organic acids may be controlled through adjustment of the mobile phase pH.

For rapid separation of alcohols like methanol, ethanol, propanol, butanol and glycerol in less than 6 minutes, dimension of 7.8 x 100mm is recommended.

Typical applications include biological fluids, foods, industrial chemicals and fermentation process.

VertiSep™ OA are manufactured by statistic process control of silica synthesis, bonding and column packing. The reproducible column packing method control provides exceptional efficiency, symmetry and reproducible capacity factor.

Ordering Information

Phase	Particle Size (µm)	I.D. Length (mm)	QTY	Part No.
VertiSep™ OA				
OA	8	4.6 x 250	1	03JL-E551
	8	7.8 x 100	1	03JL-G351
	8	7.8 x 300	1	03JL-G951

Ordering Information

Phase	Particle Size (µm)	I.D. Length (mm)	QTY	Part No.
VertiSep™ OA Guard*				
OA	8	4.6 x 10	2	03JL-E153

*Guard holder required

Ordering Information

Description	QTY	Part No.
Guard Holder with Coupler		
For column I.D. 2.1-7.8 mm	1	0300-0001

