



## PS/DVD PRODUCT DATA SHEET

### PS/DVD

#### Description

Polystyrene/Divinylbenzene (PS/DVB) reverse phase chromatography column packing is a high-performance chromatographic material widely used in fields such as drug analysis, natural product extraction, and separation of biomolecules. As the stationary phase of reverse phase chromatography, PS/DVB is a transparent nonporous gel in dry state, but it can become a porous network structure with molecular sieve performance after being swelled by organic solvent, which can effectively separate compounds with different polarities. Due to its good chemical stability, this material can be used for small-scale analysis in laboratory, and also for large-scale separation and purification of substances in industrial production.

For custom sizes, formulations or bulk quantities please contact our customer service department.

**website:** [www.abvigen.com](http://www.abvigen.com) **Phone:** +1 929-202-3014 **Email:** [info@abvigenus.com](mailto:info@abvigenus.com)

#### Characteristics

Product Name: Polymer Chromatography Packing

Matrix: PS/DVB

Standard deviation: CV<3%

Particle Size: 1.7um - 200um

Aperture: 100A 300A 500A 800A

Store: Storage at 2 - 8 °C

1378 US-206 Ste 6-126, Skillman, NJ USA

[info@abvigenus.com](mailto:info@abvigenus.com)

Tel: 1-816-388- 0112 Fax: 1- 888-616-0161

Reserved

Email:

© Abvigen Inc All Rights



### **Characteristic**

Strong pH stability, easy to clean

High mechanical strength and long service life

Uniform pore size and particle size, easy to reproduce in experiments

High surface bonding load and strong selectivity

Wide applicable pH range

### **Storage**

This product should be stored at 4°C. **DO NOT FREEZE.**

### **Application**

Crude extraction: the purity can generally reach 70-90%. Optional 100 micronchromatographic packing.

Intermediate purification: the purity can reach 90-98%. Choice of 30 micron or 40 micronchromatographic packing.

Fine purification: the purity can reach more than 98-99%. Optional 10 micronchromatographic packing.

### **Ordering Information**

website: [www.abvigen.com](http://www.abvigen.com)

Phone: +1 929-202-3014

Email: [info@abvigenus.com](mailto:info@abvigenus.com)

1378 US-206 Ste 6-126, Skillman, NJ USA

[info@abvigenus.com](mailto:info@abvigenus.com)

Tel: 1-816-388-0112 Fax: 1-888-616-0161

Reserved

Email:

© Abvigen Inc All Rights