



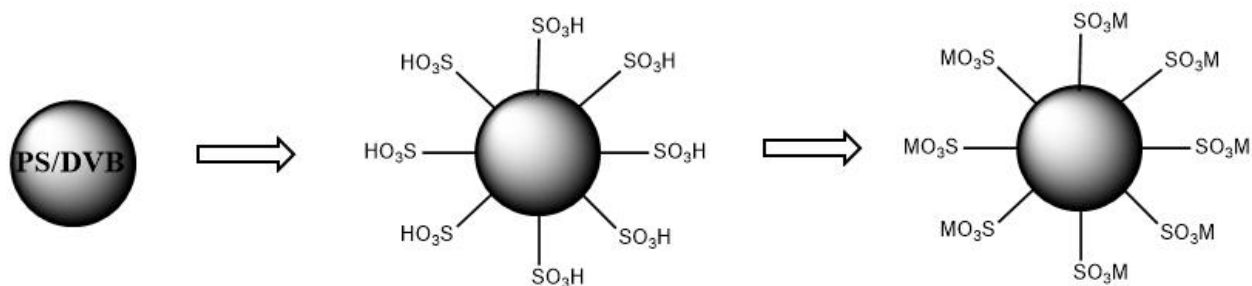
Sugar Analysis Chromatography Packing PRODUCT DATA SHEET

Sugar Analysis Chromatography Packing

Description

Sugar Analysis Chromatography Packing is a specific material used for the separation and analysis of carbohydrate compounds in HPLC, which is composed of homogeneous PS/DVB microspheres with crosslinking degree. By performing special functionalization modifications on the surface of microspheres, they can have varying degrees of hydrophilic properties, while further bonding different ions on the hydrophilic surface, thus endowing them with different uses.

Abvigen Inc can provide you with various specifications of sugar analysis chromatography fillers, which have three crosslinking degrees (5%, 8%, 10%) and five ion types (H, Ca, Na, K and Pb), and have broad application prospects in the food industry, pharmaceutical analysis, biotechnology, medical research, and environmental monitoring.



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

website: www.abvigen.com Phone: +1 929-202-3014 Email: info@abvigenus.com



Characteristics

Cross Linking Level: 5%, 8%, 10%

Shape: Spherical

Composition: Magnetic Polystyrene Matrix Particles

Density: 1.10 g/ccm

Buffer: H ,Ca ,Pb ,K ,Na

Store: Storage at 2 - 8 °C

Storage

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

Application of various surface bonded ion products

Lonic Type	Application
H	Separation of fermentation products, fruit juice containing organic acids, and alcohols
Na	Separation of oligosaccharides
Ca	Separation of monosaccharides, disaccharides, trimers, tetrasaccharides, and sugar alcohols
Pb	Separation of pentose and hexose in wooden products, and dairy products containing sucrose and lactose
K	Sucrose, honey, and corn syrup

For the Sugar Analysis Chromatography Packing

Lonic Type	Diameter	Particles/mg	Cross Linking Level	Lonic Type	Diameter	Particles/mg	Cross Linking Level
H	5 um	1.39E+07	5.00%	Pb	5 um	1.39E+07	5.00%
H	8 um	3.39E+06	5.00%	Pb	8 um	3.39E+06	5.00%
H	10 um	1.74E+06	5.00%	Pb	10 um	1.74E+06	5.00%
H	15 um	5.14E+05	5.00%	Pb	15 um	5.14E+05	5.00%
H	20 um	2.17E+05	5.00%	Pb	20 um	2.17E+05	5.00%
H	5 um	1.39E+07	8.00%	Pb	5 um	1.39E+07	8.00%
H	8 um	3.39E+06	8.00%	Pb	8 um	3.39E+06	8.00%
H	10 um	1.74E+06	8.00%	Pb	10 um	1.74E+06	8.00%
H	15 um	5.14E+05	8.00%	Pb	15 um	5.14E+05	8.00%

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

Email:

info@abvigenus.com

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

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Reserved

H	20 um	2.17E+05	8.00%	Pb	20 um	2.17E+05	8.00%
H	5 um	1.39E+07	10.00%	Pb	5 um	1.39E+07	10.00%
H	8 um	3.39E+06	10.00%	Pb	8 um	3.39E+06	10.00%
H	10 um	1.74E+06	10.00%	Pb	10 um	1.74E+06	10.00%
H	15 um	5.14E+05	10.00%	Pb	15 um	5.14E+05	10.00%
H	20 um	2.17E+05	10.00%	Pb	20 um	2.17E+05	10.00%
Ca	5 um	1.39E+07	5.00%	K	5 um	1.39E+07	5.00%
Ca	8 um	3.39E+06	5.00%	K	8 um	3.39E+06	5.00%
Ca	10 um	1.74E+06	5.00%	K	10 um	1.74E+06	5.00%
Ca	15 um	5.14E+05	5.00%	K	15 um	5.14E+05	5.00%
Ca	20 um	2.17E+05	5.00%	K	20 um	2.17E+05	5.00%
Ca	5 um	1.39E+07	8.00%	K	5 um	1.39E+07	8.00%
Ca	8 um	3.39E+06	8.00%	K	8 um	3.39E+06	8.00%
Ca	10 um	1.74E+06	8.00%	K	10 um	1.74E+06	8.00%
Ca	15 um	5.14E+05	8.00%	K	15 um	5.14E+05	8.00%
Ca	20 um	2.17E+05	8.00%	K	20 um	2.17E+05	8.00%
Ca	5 um	1.39E+07	10.00%	K	5 um	1.39E+07	10.00%
Ca	8 um	3.39E+06	10.00%	K	8 um	3.39E+06	10.00%
Ca	10 um	1.74E+06	10.00%	K	10 um	1.74E+06	10.00%
Ca	15 um	5.14E+05	10.00%	K	15 um	5.14E+05	10.00%
Ca	20 um	2.17E+05	10.00%	K	20 um	2.17E+05	10.00%
Na	5 um	1.39E+07	5.00%	Na	15 um	5.14E+05	8.00%
Na	8 um	3.39E+06	5.00%	Na	20 um	2.17E+05	8.00%
Na	10 um	1.74E+06	5.00%	Na	5 um	1.39E+07	10.00%
Na	15 um	5.14E+05	5.00%	Na	8 um	3.39E+06	10.00%
Na	20 um	2.17E+05	5.00%	Na	10 um	1.74E+06	10.00%
Na	5 um	1.39E+07	8.00%	Na	15 um	5.14E+05	10.00%
Na	8 um	3.39E+06	8.00%	Na	20 um	2.17E+05	10.00%
Na	10 um	1.74E+06	8.00%				

Advantages

Uniform particle size and height

High chemical stability

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info@abvigenus.com

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Email:

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Wide operating temperature (0-85 °C)

Low back pressure, high column efficiency

High separation efficiency

high recovery

Applications

Food industry

Pharmaceutical analysis

Biological testing

Medical research

Environmental monitoring

Ordering Information

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