

# Alltech® Brava™ Columns



## If You Like Hypersil® BDS, Try This Lower-Cost Alternative

- BDS phases for acids, bases, and neutrals
- ODS phases for non-polars and lipophilics

Medium-sized pores are ideal for resolution of small- to medium-sized compounds, while its less-retentive nature means less mobile phase consumption.



### Brava™ Phase Specifications

Phase	Base Material	Particle Shape	Particle Size	Pore Size	Surface Area	Carbon Load	Phase Type	Endcapped?	USP L-code
C18 BDS	Silica	Spherical	3, 5µm	145Å	185m <sup>2</sup> /g	8.5%	Monomeric	Yes	L1
C18 ODS	Silica	Spherical	3, 5µm	130Å	195m <sup>2</sup> /g	8.5%	Monomeric	Yes	L1
C8	Silica	Spherical	3, 5µm	130Å	195m <sup>2</sup> /g	6%	Monomeric	Yes	L7
C8 BDS	Silica	Spherical	3, 5µm	145Å	185m <sup>2</sup> /g	5.5%	Monomeric	Yes	L7
Phenyl	Silica	Spherical	5µm	130Å	195m <sup>2</sup> /g	—	Monomeric	No	L11
Cyano	Silica	Spherical	5µm	130Å	195m <sup>2</sup> /g	—	Monomeric	No	L10
Cyano BDS	Silica	Spherical	5µm	145Å	185m <sup>2</sup> /g	—	Monomeric	No	L10
Amino (NH <sub>2</sub> )	Silica	Spherical	5µm	130Å	195m <sup>2</sup> /g	—	Monomeric	No	L8
Silica	Silica	Spherical	5µm	130Å	195m <sup>2</sup> /g	—	—	No	L3

### Brava™ HPLC Columns

Packing	i.d. x Length	Part No.	Waters® Fittings Part No.
C18 BDS, 3µm	4.6 x 100mm	50910	50911
	4.6 x 150mm	50912	50913
C18 BDS, 5µm	4.6 x 150mm	50914	50915
	4.6 x 250mm	50916	50917
C18 ODS, 3µm	4.6 x 100mm	50957	50959
	4.6 x 150mm	50961	50963
C18 ODS, 5µm	4.6 x 150mm	50965	50967
	4.6 x 250mm	50969	50971
C8 BDS, 3µm	4.6 x 100mm	50918	50919
	4.6 x 150mm	50920	50921
C8 BDS, 5µm	4.6 x 150mm	50922	50923
	4.6 x 250mm	50924	50925
C8, 3µm	4.6 x 100mm	50939	50943
	4.6 x 150mm	50945	50947
C8, 5µm	4.6 x 150mm	50949	50951
	4.6 x 250mm	50953	50955
Phenyl, 5µm	4.6 x 150mm	50978	50979
	4.6 x 250mm	50981	50983
Cyano BDS, 5µm	4.6 x 150mm	50926	50927
	4.6 x 250mm	50928	50929
Cyano, 5µm	4.6 x 150mm	50973	50975
	4.6 x 250mm	50976	50977
Amino, 5µm	4.6 x 150mm	50930	50931
	4.6 x 250mm	50933	50934
Silica, 5µm	4.6 x 150mm	50935	50936
	4.6 x 250mm	50937	50938

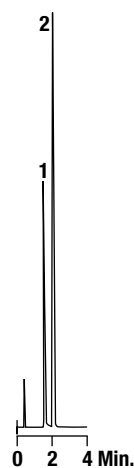
### Brava™ All-Guard™ Cartridges\*

Packing	i.d. x Length	Qty.	Part No.
C18 BDS, 5µm	4.6 x 7.5mm	3	96472
C18 ODS, 5µm	4.6 x 7.5mm	3	96477
C8 BDS, 5µm	4.6 x 7.5mm	3	96473
C8, 5µm	4.6 x 7.5mm	3	96478
Phenyl, 5µm	4.6 x 7.5mm	3	96480
Cyano BDS, 5µm	4.6 x 7.5mm	3	96474
Cyano, 5µm	4.6 x 7.5mm	3	96479
Amino, 5µm	4.6 x 7.5mm	3	96475
Silica, 5µm	4.6 x 7.5mm	3	96476
All-Guard™ Cartridge Holder (Includes Direct-Connect Column Coupler)		ea	80101

\*All-Guard™ holder required. Other particle sizes available.

### Metal Chelator

CHROM  
10473



1. Pyridine
2. 2, 2' Dipyridyl

Column: Brava™ C18 BDS, 5µm, 4.6 x 150mm  
(Part No. 50914)  
Mobile Phase: Acetonitrile:50mM KH<sub>2</sub>PO<sub>4</sub> pH 3 (50:50)  
Flow Rate: 1.0mL/min  
Detector: UV at 254nm

### more applications

To view our complete searchable chromatogram database visit [www.discoverysciences.com/chromdb/](http://www.discoverysciences.com/chromdb/)

