



This method was able to completely separate the five peptides on the C30, C18, and C8 columns without the use of an ion pairing reagent. While increasing the composition of the organic solvent, analysis time is kept unchanged from that when using 0.1% TFA. This method used ammonium formate, so that it can be directly applied to LC/MS detection instead of UV detection.

In addition, since volatile buffer is used, it greatly contributes to high efficiency of the column. This method used ammonium formate, so that it can be directly applied to LC/MS detection instead of UV detection.

Due to the fast analysis, the sensitivity for these compounds increased about two fold comparing to using 2 μm particle size.

■ Order Information

Develosil UHPLC 1.6 µm Series

Size	C30	C18	C8	C1	HILIC
2.0 x 35 mm	201-I20035W	202-I20035W	203-I20035W	204-I20035W	205-I20035W
2.0 x 50 mm	201-I20050W	202-I20050W	203-I20050W	204-I20050W	205-I20050W
2.0 x 75 mm	201-I20075W	202-I20075W	203-I20075W	204-I20075W	205-I20075W
2.0 x 100 mm	201-I20100W	202-I20100W	203-I20100W	204-I20100W	205-I20100W
2.0 x 150 mm	201-I20150W	202-I20150W	203-I20150W	204-I20150W	205-I20150W

Develosil UHPLC 1.6 µm Metal-free Series

Size	C30	C18	C8	C1	HILIC
2.0 x 35 mm	201-I20035MFW	202-I20035MFW	203-I20035MFW	204-I20035MFW	205-I20035MFW
2.0 x 50 mm	201-I20050MFW	202-I20050MFW	203-I20050MFW	204-I20050MFW	205-I20050MFW
2.0 x 75 mm	201-I20075MFW	202-I20075MFW	203-I20075MFW	204-I20075MFW	205-I20075MFW
2.0 x 100 mm	201-I20100MFW	202-I20100MFW	203-I20100MFW	204-I20100MFW	205-I20100MFW
2.0 x 150 mm	201-I20150MFW	202-I20150MFW	203-I20150MFW	204-I20150MFW	205-I20150MFW

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