

November 01, 2024

Dear customers

YMC CO., LTD.  
Quality Assurance Dept.

**Notice of change on Meteoric Core columns hardware**



We are planning to change the hardware used for Meteoric Core columns.

The details of this change are described below. It is confirmed that the change has no impact on product quality.

Please kindly take a look at this notification. If you should have any questions or concerns on this change, please do not hesitate to contact us. We thank you for your understanding.

1. Products concerned  
Meteoric Core columns

2. Planned change

	Current	New
Appearance		

3. Reason for the change  
To prevent product delivery delays due to hardware shortages
4. Date of change  
Change sequentially from shipments in and after November 2024
5. Contact information  
Website Inquiry Form: <https://www.ymc.co.jp/en/inquiry/form/>

Comparison of test results

**【Test Condition】**

Column size :150 x 3.0 mm I.D.  
 Eluent :20 mM KH<sub>2</sub>PO<sub>4</sub>-H<sub>3</sub>PO<sub>4</sub> (pH3.5) /acetonitrile (40/60, v/v)  
 Flow rate :0.4 mL/min  
 Detection :UV at 254 nm  
 Temperature :37°C  
 Sample :1. Uracil  
           2. 4-*n*-Butoxybenzoic acid  
           3. Ethylbenzene  
           4. *n*-Propylbenzene

	Current	New
Chromatogram		
$k'(3)/k'(4)$	0.622	0.622
$k'(2)/k'(4)$	0.194	0.193

**【Test Condition】**

Column size :150 x 3.0 mm I.D.  
 Eluent :20 mM KH<sub>2</sub>PO<sub>4</sub>-K<sub>2</sub>HPO<sub>4</sub> (pH6.9) /methanol (25/75, v/v)  
 Flow rate :0.4 mL/min  
 Detection :UV at 254 nm  
 Temperature :25°C  
 Sample :1. Desipramine hydrochloride  
           2. Acenaphthene  
           3. Amitriptyline hydrochloride

	Current	New
Chromatogram		
$k'(3)/k'(2)$	1.170	1.130
Tf(3)	1.23	1.19