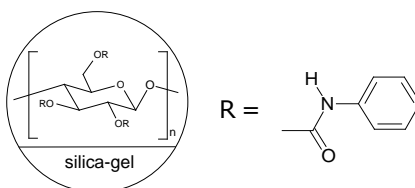


INSTRUCTION MANUAL FOR CHIRALCEL® OC-H

Please read this instruction sheet completely before using this column

Column Description

Packing composition: Cellulose tris(phenylcarbamate) coated on **5µm silica-gel**.



Shipping solvent: Methanol / Ethanol (70:30 v/v)

This column has been pre-tested before packaging. Test parameters and results, as well as the Column Lot Number, are included on a separate (enclosed) page.

CAUTION

The entire HPLC system including the injector and the injection loop must be flushed with a solvent compatible with the column and its storage solvent prior to connecting. Many of the solvents commonly used in HPLC eluents such as acetone, chloroform, DMF, dimethylsulfoxide, ethyl acetate, methylene chloride and THF may DESTROY the chiral stationary phase if they are present, even in residual quantities, in the system. If an auto-sampler is used, then the solvent employed to flush this unit between injections should also be changed and the relevant solvent lines flushed.

Operating Conditions

250 x 4.6 mm i.d. Analytical column	
Flow rate direction	As indicated on the column label
Typical Flow rate ①	~ 0.5 to 1ml/min Do not exceed 1.5ml/min
Pressure limitation	Should be maintained < 300 Bar (4350 psi) for maximum column life
Temperature	0 to 40°C

① The maximum flow rate depends on the mobile phase viscosity (mobile phase composition), and should be adjusted in accordance with the pressure upper's limit (i.e. 300 Bar).

Operating Procedure

Please contact Chiral Technologies for further assistance before trying any solvents not mentioned below.

A - Mobile Phases

	Methanol / Ethanol
CHIRALCEL® OC-H 250 x 4.6 mm i.d.	100/0 to 0/100

B - Sample

Samples should be dissolved in the mobile phase and filtered through a membrane filter of approximately 0.5µm porosity.

Column Care / Maintenance

- ❑ When washing is required, flush pure Ethanol for 3 hours.
- ❑ Store the column capped, at room temperature, filled with Methanol / Ethanol (70:30 v/v).

Important Notice

⇒ STRONGLY BASIC solvent modifiers or sample solutions MUST BE AVOIDED, because they are likely to damage the silica gel used in this column.

Operating this column in accordance with the guidelines outlined here will result in a long column life.

⇒ If you have any questions about the use of these columns, or encounter a problem, contact:

In the USA: questions@chiraltech.com or call 800-6-CHIRAL

In the EU: cte@chiral.fr or call +33 (0)3 88 79 52 00

In India: chiral@chiral.daicel.com or call +91-40-2338-3700

Locations:

North/Latin America

Chiral Technologies, Inc.
800 North Five Points Road
West Chester, PA 19380
800 6 CHIRAL
Tel: 610-594-2100
Fax: 610-594-2325
chiral@chiraltech.com
www.chiraltech.com

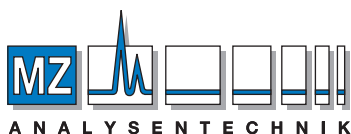
Europe

Chiral Technologies Europe
Parc d'Innovation
Bd Gonthier d'Andernach
67400 Illkirch Cedex, France
Tel: +33-388-795-200
Fax: +33-388-667-166
cte@chiral.fr
www.chiral.fr

India

Daicel Chiral Technologies (India) Pvt. Ltd.
Lab No. 4A, Phase III
IKP Knowledge Park
Genome Valley, Turkapally,
Shameerpet, Ranga Reddy Dist.
Hyderabad-500 078, Telangana
Tel: +91-40-2338-3700
Fax: +91-40-2348-0104
chiral@chiral.daicel.com

CHIRALCEL, CHIRALPAK and CROWNPAC are registered trademarks of **DAICEL CORPORATION**



AUTHORIZED DISTRIBUTOR

MZ-Analysentechnik GmbH, Barcelona-Allee 17• D-55129 Mainz

Tel +49 6131 880 96-0, Fax +49 6131 880 96-20

e-mail: info@mz-at.de, www.mz-at.de