



RegisPack®, RegisCell® and RegisPack® CLA-1

CHIRAL COLUMN CARE AND USE SHEET

CAUTION !!! PLEASE READ BEFORE CONNECTING THE COLUMN TO AN HPLC OR SFC UNIT

Residual solvents that remain in the HPLC and SFC systems such as (Acetone, Chloroform, Ethyl Acetate, DMF, DMSO, Methylene Chloride and THF) **WILL DESTROY THE COLUMN.** Make sure the system is completely flushed with IPA or Ethanol before connecting this column.

This column can tolerate up to 60% water. Doing so will irreversibly alter the column. If the column is to be used with water, it is strongly recommended that the column be dedicated to "reverse phase only".

Operating Parameters:

- 1) Flow Direction:** The flow direction for this column is indicated by an arrow on the column label.
- 2) Flow Rate and Pressure:** Typical flow rates are between 1.0 mL/min and 2.0 mL/min. To maximize column life, flow rates should be adjusted so that the back pressure does not exceed 6,300 PSI, (450Bar).
- 3) Temperature Range:** 0°C--40°C
- 4) Mobile Phase:** Typical mobile phases include Hexane/IPA and Hexane/Ethanol. All samples and mobile phases should be filtered through a membrane filter.
- 5) Modifiers:** If needed, DEA, TEA, TFA and Acetic Acid can be used to improve peak shape for highly basic or acidic compounds. Modifiers should not exceed 0.5%, typical use is 0.1%.
Please note: Modifiers will cause memory effect on the column. To remove unwanted memory effects, rinse the column with ~ 20 mL of ethanol or methanol.
- 6) Storage:** Columns should be flushed and stored in Hexane/IPA (90/10) with the end plugs secured to each end of the column.

SFC:

- If the column is to be used in SFC, rinse thoroughly with 100% ethanol before use.

Product Information and Questions

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