

Mini Q

Product Information

Cat#No# Mi-242P

Product Overview

Mini Q 4.6/50 PE is Tricorn high performance columns. The columns are pre-packed PEEK columns for high performance ion exchange chromatography of proteins, peptides, polynucleotides and other biomolecules.

Form Spherical, non-porous monodisperse

Maximum operating pressure

100 bar [10 MPa] (1450 psi)

Metal ion capacity

0.085-0.115 mmol Cl⁻ /ml medium

Matrix

Polystyrene/divinyl benzene

Ionic Exchanger Type

Strong anion

Particle Size

3 µm

Recommended flow rate

0.5-2.0 ml/min

Recommended column height

30 mm

pH working range

2 to 12

CIP stability

1 to 14

Mini Q

Storage

4 to 30°C, 20% Ethanol

Cleaning-in-place

Wash the column with 1.5 ml 2 M NaCl after each run to elute material still bound to the column. If detergents have been used, rinse the column with 4 ml distilled water followed by 1.5 ml 2 M NaCl. Re-equilibrate the column until the UV baseline and conductivity are stable (usually at least 10 CV).

Maximum flow velocity

2 ml/min

Dimensions

3.2 × 30 mm

Column volume

0.24 mL

Column i.d.

3.2 mm

Functional group

O-CH₂ -CHOH-CH₂ -O-CH₂ -CHOH-CH₂ -N + (CH₃)₃
