

Product No. 07584

COSMO (+) Capillary

for Capillary Electrophoresis (50 μ m I.D. – 120cm L)

Components

COSMO(+) Capillary(50 μ m I.D.=120cm L) Qty. 2

Capillary Property

The capillary is chemically coated with cationic polymer. Therefore, the electroosmotic flow (EOF) generates from cathode (-) to anode (+).

Before use

Cut the both ends of capillary about 5cm (At shipment, the length of the capillary is about 130 cm.).
The capillary is filled with *Conditioning Solution* with high viscosity. After replace to analytical buffer, set the capillary on your CE equipment.

Operation

- Filter all buffers before using(0.45 μ m or smaller pore size is recommended).
- The capillary can be used with buffers of pH range 2 to 10.
- We recommend exchanging buffers for every analysis.

(Recommended buffers)

- Acidic buffers : 50mmol/l Phosphate buffer, 0.5% Formic acid
- Neutral buffers : 50mmol/l Ammonium acetate, 100mmol/l HEPES-100mmol/l NaOH buffer
- Basic buffers : 25mmol/l Borate buffer

Storage conditions

1. After analysis, replace to distilled water using CE equipment.
2. Put the caps on the both ends of capillary (store at room temperature).

Packing

2PKG (Product No.07584-44)